

Peptide Array, SARS-CoV S Protein

Catalog No. NR-2669

Product Description: A 169-peptide array spanning the S protein of the Urbani strain of SARS-CoV (GenBank: AY278741). Peptides are 15- to 20-mers, with approximately 10 amino acid overlaps. Each vial contains 1 mg of lyophilized peptide.

Lot: 7362703

SARS S Protein

Cat #	Peptide Name	Lot #	Molecular Weight	HPLC Purity	Peptide Content	Solubility Data
9597	SARS S Protein MFIFLLFLTLTSGSDLDR	031846	2089.5		90%	Soluble in DMSO
9598	SARS S Protein TLTSGSDLDRCTTFDDV	031847	1846.0	85.08%		Soluble in basic solution (pH >7.5)
9599	SARS S Protein LDRCTTFDDVQAPNYTQH	031848	2124.3	83.54%		Soluble in basic solution (pH >7.5)
9600	SARS S Protein DVQAPNYTQHTSSMRGVY	031849	2055.2	>85%	71%	Soluble in 6M guanidine-HCl/50mM Tris (pH 8.0)
9601	SARS S Protein QHTSSMRGVYYPDEIFR	031850	2086.3	94.04%		Soluble in acidic solution (pH <7.5)
9602	SARS S Protein GVYYPDEIFRSDTLYL	031851	1951.2	81.10%		Soluble in basic solution (pH >7.5)
9603	SARS S Protein EIFRSDTLYLTQDLFLPF	031852	2218.5	>80%	90%	Soluble in water
9604	SARS S Protein YLTQDLFLPFYSNVTGFH	031853	2162.5	80.39%		Soluble in water
9605	SARS S Protein PFYSNVTGFHTINHTF	031854	1882.1	85.17%		Soluble in acidic solution (pH <7.5)
9606	SARS S Protein TGFHTINHTFGNPVIPFK	031855	2027.3	89.42%		Soluble in acidic solution (pH <7.5)
9607	SARS S Protein TFGNPVIKFDGIYFAA	031856	1857.2	82.32%		Soluble in water

Biodefense and Emerging Infections Research Resources Repository

P.O. Box 4137

Manassas, VA 20108-4137 USA

www.beiresources.org

800-359-7370

Fax: 703-365-2898

E-mail: contact@beiresources.org

Cat #	Peptide Name	Lot #	Molecular Weight	HPLC Purity	Peptide Content	Solubility Data
9608	SARS S Protein PFKDGIFYAATEKSNVVR	031857	2042.3	>80%	82%	Soluble in water
9609	SARS S Protein AATEKSNVVRGWVFGSTM	031858	1940.2	>80%	84%	Soluble in water
9610	SARS S Protein VRGWVFGSTMNNKSQSVI	031859	2010.3	81.58%		Soluble in acidic solution (pH <7.5)
9611	SARS S Protein TMNNKSQSVIIINNSTNV	031860	1977.2		90%	Soluble in DMSO
9612	SARS S Protein VIIINNSTNVVIRACNF	031861	1890.2		89%	Soluble in DMSO
9613	SARS S Protein TNVVIRACNFELCDNPFF	031862	2102.4	51.20%	90%	Soluble in water with 60% acetonitrile
9614	SARS S Protein NFELCDNPFFAVSKPM	031863				Soluble in basic solution (pH >7.5)
9615	SARS S Protein NPFFAVSKPMGTQTHTMI	031864	2007.4	89.57%		Soluble in acidic solution (pH <7.5)
9616	SARS S Protein PMGTQTHTMIFDNAF	031865	1711.0	81.97%		Soluble in basic solution (pH >7.5)
9617	SARS S Protein THTMIFDNAFNCTFEYI	031866	2067.3		90%	Soluble in water with 20% acetonitrile (pH 8.0)
9618	SARS S Protein NAFNCTFEYISDAFSLDV	031867	2056.2		90%	Soluble in water with 40% acetonitrile (pH 8.0)
9619	SARS S Protein YISDAFSLDVSEKSGNFK	031868	2007.2	72.00%	85%	Soluble in water
9620	SARS S Protein DVSEKSGNFKHLREFVFK	031869	2167.5	98.69%		Soluble in acidic solution (pH <7.5)
9621	SARS S Protein FKHLREFVFKNKDGLYV	031870	2287.7	86.69%		Soluble in acidic solution (pH <7.5)
9622	SARS S Protein FKNKDGLYVYKGYQPI	031871	2080.4	88.29%		Soluble in acidic solution (pH <7.5)
9623	SARS S Protein LYVYKGYQPIDVVRDL	031872	1941.3	82.11%		Soluble in water

Cat #	Peptide Name	Lot #	Molecular Weight	HPLC Purity	Peptide Content	Solubility Data
9624	SARS S Protein YQPIDVVRDLPSGFNTLK	031873	2062.4	80.16%		Soluble in water
9625	SARS S Protein DLPSGFNTLKPIFKLPL	031874	1900.3	92.87%		Soluble in acidic solution (pH <7.5)
9626	SARS S Protein TLKPIFKLPLGINITNFR	031875	2085.6	88.60%		Soluble in acidic solution (pH <7.5)
9627	SARS S Protein PLGINITNFRAILTAF	031876	1761.1	>80%	89%	Soluble in water
9628	SARS S Protein TNFRAILTAFSPAQDIW	031877	1951.2	89.22%		Soluble in water
9629	SARS S Protein TAFSPAQDIWGTSAAYF	031878	1904.1	60.11%		Soluble in basic solution (pH >7.5)
9630	SARS S Protein IWGTSAAYFVGYLK	031879	1646.9		88%	Soluble in water with 60% acetonitrile
9631	SARS S Protein AAAYFVGYLKPTTFMLKY	031880	2084.5	83.29%		Soluble in acidic solution (pH <7.5)
9632	SARS S Protein LKPTTFMLKYDENGTI	031881	1871.2	92.00%	84%	Soluble in water
9633	SARS S Protein MLKYDENGITITDAVDCSQ	031882	2003.2	66.80%	90%	Soluble in water
9634	SARS S Protein TITDAVDCSQNPLAELK	031883	1818.1	87.14%		Soluble in basic solution (pH >7.5)
9635	SARS S Protein CSQNPLAELKCSVKSEI	031884	1996.3		85%	Soluble in water with 20% acetonitrile
9636	SARS S Protein LKCSVKSEIDKGIY	031885	1730.1	81.97%		Soluble in acidic solution (pH <7.5)
9637	SARS S Protein KSFEIDKGIYQTSNFRVV	031886	2131.4	40.48%		Soluble in acidic solution (pH <7.5)
9638	SARS S Protein IYQTSNFRVVPBGDVVRF	031887	2084.4	85.84%		Soluble in acidic solution (pH <7.5)
9639	SARS S Protein VVPBGDVVRFPNITNL	031888	1727.0	83.65%		Soluble in water

Cat #	Peptide Name	Lot #	Molecular Weight	HPLC Purity	Peptide Content	Solubility Data
9640	SARS S Protein VVRFPNITNLCPFGEVF	031889	1952.3	87.73%		Soluble in water
9641	SARS S Protein TNLCPFGEVFNATKFPSV	031890	1971.3	77.57%		Soluble in water
9642	SARS S Protein VFNATKFPSVYAWERKKI	031891	2184.6	97.69%		Soluble in acidic solution (pH <7.5)
9643	SARS S Protein SVYAWERKKISNCVADY	031892	2032.3	80.45%		Soluble in acidic solution (pH <7.5)
9644	SARS S Protein KKISNCVADYSVLYNSTF	031893	2050.3	>80%	73%	Soluble in DMSO
9645	SARS S Protein DYSVLYNSTFFSTFKCY	031894	2085.3		90%	Soluble in DMSO
9646	SARS S Protein STFFSTFKCYGVSATKL	031895	1887.2		84%	Soluble in water
9647	SARS S Protein KCYGVSATKLNDLCFSNV	031896	1962.3	>80%	85%	Soluble in water
9648	SARS S Protein KLNDLCFSNVYADSFVVK	031897	2062.4		85%	Soluble in water
9649	SARS S Protein NVYADSFVVKGDDVRQIA	031898	1996.2	>80%	85%	Soluble in water
9650	SARS S Protein VKGDDVRQIAPGQTGVIA	031899	1824.1	92.00%		Soluble in water
9651	SARS S Protein IAPGQTGVIADYNYKL	031900	1723.0	80.03%		Soluble in water
9652	SARS S Protein GVIADYNYKLPPDFMGCV	031901	2020.3	80.29%		Soluble in basic solution (pH >7.5)
9653	SARS S Protein KLPDDFMGCVLAWNTRNI	031902	2093.4	>80%	85%	Soluble in water
9654	SARS S Protein CVLAWNTRNIDATSTGNY	031903	1997.2	>85%	72%	Soluble in 6M guanidine-HCl/50mM Tris (pH 8.0)
9655	SARS S Protein NIDATSTGNYNYKYRYLR	031904	2212.4	83.58%		Soluble in acidic solution (pH <7.5)

Cat #	Peptide Name	Lot #	Molecular Weight	HPLC Purity	Peptide Content	Solubility Data
9656	SARS S Protein NYYKYRYLRHGKLRPF	031905	2288.7	94.84%		Soluble in acidic solution (pH <7.5)
9657	SARS S Protein YLRHGKLRPFERDISNV	031906	2100.4	96.53%		Soluble in acidic solution (pH <7.5)
9658	SARS S Protein RPFERDISNVPFSPDGK	031907	1961.2	84.12%		Soluble in water
9659	SARS S Protein SNVPFSPDGKPCPPAL	031908	1727.0	83.41%		Soluble in water
9660	SARS S Protein DGKPCPPALNCYWPL	031909	1775.1	86.49%		Soluble in water
9661	SARS S Protein PPALNCYWPLNDYGFY	031910	1933.2	89.51%		Soluble in basic solution (pH >7.5)
9662	SARS S Protein YWPLNDYGFYTTTGIGY	031911	2032.23	>85%	72%	Soluble in 6M guanidine-HCl/50mM Tris(pH 8.0)
9663	SARS S Protein GFYTTTGIGYQPYRVVL	031912	2034.4	86.57%		Soluble in acidic solution (pH <7.5)
9664	SARS S Protein GYQPYRVVLSFELLNA	031913	1968.3	>80%	89%	Soluble in water with 50% acetonitrile
9665	SARS S Protein VLSFELLNAPATVCGPK	031914	1858.3	93.87%		Soluble in water
9666	SARS S Protein NAPATVCGPKLSTDLIK	031915	1728.1	78.92%		Soluble in acidic solution (pH <7.5)
9667	SARS S Protein GPKLSTDLIKNQCVNFNF	031916	2038.4	95.92%		Soluble in acidic solution (pH <7.5)
9668	SARS S Protein IKNQCVNFNFNGLTGTGV	031917	1926.2	81.08%		Soluble in acidic solution (pH <7.5)
9669	SARS S Protein NFNGLTGTGVLPSSKRF	031918	1896.2	81.22%		Soluble in acidic solution (pH <7.5)
9670	SARS S Protein GVLPSSKRFQPFQQFGR	031919	2080.4	90.50%		Soluble in acidic solution (pH <7.5)
9671	SARS S Protein RFQPFQQFGRDVSDF	031920	1874.1	85.01%		Soluble in water

Cat #	Peptide Name	Lot #	Molecular Weight	HPLC Purity	Peptide Content	Solubility Data
9672	SARS S Protein QQFGRDVSDFTDSVRDPK	031921	2097.2	81.27%		Soluble in basic solution (pH >7.5)
9673	SARS S Protein DFTDSVRDPKTSEILDI	031922	1951.1	91.97%		Soluble in basic solution (pH >7.5)
9674	SARS S Protein DPKTSEILDISPCSFEGGV	031923	1863.1	>80%	78%	Soluble in DMSO
9675	SARS S Protein DISPCSFEGGVSVITPGTNA	031924	1822.0	80.54%		Soluble in basic solution (pH >7.5)
9676	SARS S Protein VSVITPGTNASSEVAVLY	031925	1807.1	91.00%		Soluble in basic solution (pH >7.5)
9677	SARS S Protein NASSEVAVLYQDVNCTDV	031926	1927.1		89%	Soluble in water with 70% acetonitrile (pH 8.0)
9678	SARS S Protein LYQDVNCTDVSTAIHA	031927	1749.9		89%	Soluble in water
9679	SARS S Protein CTDVSTAIHADQLTPAWR	031928	1985.2	85.26%		Soluble in water
9680	SARS S Protein HADQLTPAWRIYSTGNNV	031929	2043.2	81.53%		Soluble in acidic solution (pH <7.5)
9681	SARS S Protein WRIYSTGNNVFQTQAGCL	031930	2058.3		90%	Soluble in DMSO
9682	SARS S Protein NVFQTQAGCLIGAEHV	031931	1686.9	>80%	88%	Soluble in water
9683	SARS S Protein AGCLIGAEHVDTSYECDI	031932	1896.1	30.20%	89%	Soluble in water with 60% acetonitrile
9684	SARS S Protein HVDTSYECDIPIGAGICA	031933	1864.1	87.78%		Soluble in basic solution (pH >7.5)
9685	SARS S Protein DIPIGAGICASYHTVSLL	031934	1830.2	80.47%		Soluble in water
9686	SARS S Protein CASYHTVSLLRSTSQKSI	031935	1981.3	>80%	80%	Soluble in water

Cat #	Peptide Name	Lot #	Molecular Weight	HPLC Purity	Peptide Content	Solubility Data
9687	SARS S Protein LLRSTSQKSIVAYTMSL	031936	1898.3	81.94%		Soluble in acidic solution (pH <7.5)
9688	SARS S Protein KSIVAYTMSLGADSSIA Y	031937	1877.1	>80%	89%	Soluble in water with 20% acetonitrile
9689	SARS S Protein SLGADSSIAYSNNTIAI	031938	1696.8	>80%	80%	Soluble in water
9690	SARS S Protein IAYSNNNTIAIPTNFSISI	031939	1939.2		90%	Soluble in DMSO
9691	SARS S Protein AIPTNFSISITTEVMPV	031940	1820.1		89%	Soluble in DMSO
9692	SARS S Protein ISITTEVMPVSMAKTSV	031941	1794.2	80.12%		Soluble in water
9693	SARS S Protein MPVSMAKTSVDCNMYI	031942	1790.2		89%	Soluble in water with 40% acetonitrile
9694	SARS S Protein KTSVDCNMYICGDSTECA	031943	1940.2		89%	
9695	SARS S Protein YICGDSTECANLLLQY	031944	1806.0		89%	Soluble in water with 50% acetonitrile (pH 8.0)
9696	SARS S Protein TECANLLLQYGSFCTQL	031945	1904.2		89%	Soluble in water with 20% acetonitrile
9697	SARS S Protein LQYGSFCTQLNRALSGIA	031946	1942.2	71.57%		Soluble in water (pH 8.0)
9698	SARS S Protein QLNRALSGIAAEQDRNTR	031947	2013.2	97.11%		Soluble in acidic solution (pH <7.5)
9699	SARS S Protein IAAEQDRNTREVFAQVK	031948	1975.2	80.44%		Soluble in water
9700	SARS S Protein NTREVFAQVKQMYKTPTL	031949	2154.5	>80%	81%	Soluble in water
9701	SARS S Protein VKQMYKTPTLKYFGGFNF	031950	2169.6	86.67%		Soluble in acidic solution (pH <7.5)

Cat #	Peptide Name	Lot #	Molecular Weight	HPLC Purity	Peptide Content	Solubility Data
9702	SARS S Protein TLKYFGGFNFSQILPDPL	031951	2058.4	>80%	77%	
9703	SARS S Protein NFSQILPDPLKPTKRSFI	031952	2101.5	94.74%		Soluble in acidic solution (pH <7.5)
9704	SARS S Protein PLKPTKRSFIEDLLFNKV	031953	2145.6	92.37%		Soluble in acidic solution (pH <7.5)
9705	SARS S Protein FIEDLLFNKVTLADAGFM	031954	2044.4	62.90%	90%	Soluble in water (pH 8.0)
9706	SARS S Protein KVTLADAGFMKQYGECL	031955	1874.2	81.44%		Soluble in water
9707	SARS S Protein GFMKQYGECLGDINARDL	031956	2030.3	80.58%		Soluble in basic solution (pH >7.5)
9708	SARS S Protein CLGDINARDLICAQKF	031957	1780.1	82.94%		Soluble in water
9709	SARS S Protein ARDLICAQKFNGTLVL	031958	1762.1	86.73%		Soluble in acidic solution (pH <7.5)
9710	SARS S Protein AQKFNGTLVLPPLTDDM	031959	1973.3	80.53%		Soluble in basic solution (pH >7.5)
9711	SARS S Protein VLPPLTDDMIAAYTAAL	031960	1888.3	81.30%		Soluble in basic solution (pH >7.5)
9712	SARS S Protein DMIAAYTAALVSGTATA	031961	1626.9		88%	Soluble in water with 70% acetonitrile (pH 8.0)
9713	SARS S Protein AALVSGTATAGWTFGAGA	031962	1608.8		88%	Soluble in DMSO
9714	SARS S Protein TAGWTFGAGAAALQIPFAM	031963	1810.1	81.00%	89%	Soluble in water with 80% acetonitrile
9715	SARS S Protein GAALQIPFAMQMAYRF	031964	1815.2	87.86%		Soluble in acidic solution (pH <7.5)
9716	SARS S Protein PFAMQMAYRFNGIGV	031965	1702.0	87.33%		Soluble in acidic solution (pH <7.5)

Cat #	Peptide Name	Lot #	Molecular Weight	HPLC Purity	Peptide Content	Solubility Data
9717	SARS S Protein MAYRFNGIGVTQNVLY	031966	1846.1		89%	Soluble in water with 20% acetonitrile
9718	SARS S Protein GIGVTQNVLYENQKQIA	031967	1875.1	68.03%		Soluble in water
9719	SARS S Protein VLYENQKQIANQFNKAI	031968	2021.3	86.46%		Soluble in acidic solution (pH <7.5)
9720	SARS S Protein QIANQFNKAIQSIESL	031969	1932.2	75.50%	89%	Soluble in water with 60% acetonitrile
9721	SARS S Protein KAISQIESLTTTSTAL	031970	1792.0	90.00%	84%	Soluble in water
9722	SARS S Protein ESLTTTSTALGKLQDVV	031971	1762.0	>85%	76%	Soluble in 6M guanidine-HCl/50mM Tris (pH 8.0)
9723	SARS S Protein TALGKLQDVVNQNAQAL	031972	1783.0	83.51%		Soluble in water
9724	SARS S Protein DVVNQNAQALNTLVKQL	031973	1868.1		89%	Soluble in water with 10% acetonitrile
9725	SARS S Protein QALNTLVKQLSSNFGAI	031974	1804.1	80.02%		Soluble in acidic solution (pH <7.5)
9726	SARS S Protein KQLSSNFGAISSVLNDIL	031975	1906.2	>80%	90%	Soluble in water
9727	SARS S Protein AISSVLNDILSRDKVEA	031976	1943.2	89.51%		Soluble in basic solution (pH >7.5)
9728	SARS S Protein ILSRDKVEAEVQIDRLI	031977	2110.5	85.93%		Soluble in basic solution (pH >7.5)
9729	SARS S Protein EAEVQIDRLITGRLQSL	031978	1942.2	>80%	75%	Soluble in 6M guanidine-HCl/50mM Tris (pH 8.0)
9730	SARS S Protein RLITGRLQSLQTYVTQQL	031979	2118.5	68.80%	90%	Soluble in water with 60% acetonitrile
9731	SARS S Protein SLQTYVTQQLIRAAEIRA	031980	2061.4	93.34%		Soluble in acidic solution (pH <7.5)

Cat #	Peptide Name	Lot #	Molecular Weight	HPLC Purity	Peptide Content	Solubility Data
9732	SARS S Protein QLIRAAEIRASANLAATK	031981	1897.2	88.08%		Soluble in acidic solution (pH <7.5)
9733	SARS S Protein RASANLAATKMSECVL	U04227T1	1665.0	91.44%	78%	Soluble water
9734	SARS S Protein AATKMSECVLGQSKRVDF	031983	1970.3	83.49%		Soluble in acidic solution (pH <7.5)
9735	SARS S Protein VLGQSKRVDFCGKGYHLM	031984	2038.4	93.00%	77%	Soluble in water
9736	SARS S Protein DFCGKGYHLMSFPQAAPH	031985	2006.3	47.12%		Soluble in acidic solution (pH <7.5)
9737	SARS S Protein LMSFPQAAPHGVVFLHV	031986	1850.2	87.32%		Soluble in acidic solution (pH <7.5)
9738	SARS S Protein APHGVVFLHVTYVPSQER	031987	2036.3	80.86%		Soluble in acidic solution (pH <7.5)
9739	SARS S Protein HVTYVPSQERNFTTAPAI	031988	2031.3	97.48%		Soluble in acidic solution (pH <7.5)
9740	SARS S Protein ERNFTTAPAICHEGKAYF	031989	2055.3	90.05%		Soluble in water
9741	SARS S Protein AICHEGKAYFPREGVVFV	031990	2070.4	96.43%		Soluble in acidic solution (pH <7.5)
9742	SARS S Protein YFPREGVVFVNGTSWFI	031991	2066.3	>80%	90%	Soluble in water
9743	SARS S Protein FVFNGTSWFITQRNFF	031992	2011.3	63.56%		Soluble in acidic solution (pH <7.5)
9744	SARS S Protein SWFITQRNFFSPQII	031993	1884.2		89%	Soluble in DMSO
9745	SARS S Protein QRNFFSPQIITDNTFV	031994	2028.3	83.99%		Soluble in basic solution (pH >7.5)
9746	SARS S Protein QIITDNTFVSGNCDVVI	031995	1939.2	62.10%	90%	Soluble in water with 70% acetonitrile (pH 8.0)

Cat #	Peptide Name	Lot #	Molecular Weight	HPLC Purity	Peptide Content	Solubility Data
9747	SARS S Protein FVSGNCDVVIGIINNTVY	031996	1927.2		89%	Soluble in water with 70% acetonitrile (pH 8.0)
9748	SARS S Protein VIGIINNTVYDPLQPEL	031997	1898.2	>80%	90%	Soluble in water
9749	SARS S Protein TVYDPLQPELDSFKEEL	031998	2023.2	92.35%		Soluble in basic solution (pH >7.5)
9750	SARS S Protein PELDSFKEELDKYFKNH	031999	2139.4	91.10%		Soluble in basic solution (pH >7.5)
9751	SARS S Protein EELDKYFKNHTSPDVDL	032000	2050.2	95.03%		Soluble in basic solution (pH >7.5)
9752	SARS S Protein KNHTSPDVDLGDISGINA	032001	1853.0	83.36%		Soluble in basic solution (pH >7.5)
9753	SARS S Protein DLGDISGINASVVNIQK	032002	1742.0	>80%	72%	Soluble in DMSO
9754	SARS S Protein INASVVNIQKEIDRLNEV	032003	2054.4	95.35%		Soluble in basic solution (pH >7.5)
9755	SARS S Protein QKEIDRLNEVAKNLNESL	032004	2113.4	83.39%		Soluble in basic solution (pH >7.5)
9756	SARS S Protein EVAKNLNESLIDLQELGK	032005	2013.3	81.15%		Soluble in basic solution (pH >7.5)
9757	SARS S Protein SLIDLQELGKYEYIKW	032006	2126.5	81.81%		Soluble in basic solution (pH >7.5)
9758	SARS S Protein LGKYEYIKWPWYVWLGF	032007	2376.8	97.87%		Soluble in acidic solution (pH <7.5)
9759	SARS S Protein KWPWYVWLGFIAGLIAIV	032008	2132.6		90%	Soluble in DMSO
9760	SARS S Protein GFIAGLIAIVMTILL	032009	1644.1		89%	Soluble in DMSO
9761	SARS S Protein IAIVMTILLCCMTSCCSCL	032010	2114.8	59.10%	65%	Soluble in DMSO

Cat #	Peptide Name	Lot #	Molecular Weight	HPLC Purity	Peptide Content	Solubility Data
9762	SARS S Protein CCMTSCCCLKGACSCGS	032011	1747.2		89%	Soluble in water
9763	SARS S Protein CLKGACSCGSCCKFDEDD	032012	1884.1		85%	Soluble in DMSO
9764	SARS S Protein GSCCKFDEDDSEPVKGV	032013	1928.1	93.54%		Soluble in basic solution (pH >7.5)
9765	SARS S Protein DDSEPVKGVKLHYT	032014	1700.9	80.62%		Soluble in water

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected by the vendor to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

ATCC® is a trademark of the American Type Culture Collection.

You are authorized to use this product for research use only. It is not intended for human use.

