

Peptide Array, SARS-CoV N Protein

Catalog No. NR-2670

Product Description: A 57-peptide array spanning the N 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: 7372084

SARS N Protein

Cat #	Peptide Name	Lot #	Molecular Weight	HPLC Purity	Peptide Content	Solubility Data
9539	SARS N Protein MSDNGPQSNQRSAPRI	031788	1757.9	85.65%		Soluble in water
9540	SARS N Protein QSNQRSAPRITFGGPTDS	031789	1919.1	99.18%		Soluble in water
9541	SARS N Protein RITFGGPTDSTDNNQNGGR	031790	2007.1	94.27%		Soluble in water
9542	SARS N Protein STDNNQNGGRNGARPKQR	031791	1970.1	86.76%		Soluble in water
9543	SARS N Protein GRNGARPKQRRPQGL	031792	1691.0	89.21%		Soluble in water
9544	SARS N Protein RPKQRRPQGLPNNTASWF	031793	2153.5	84.30%		Soluble in water
9545	SARS N Protein GLPNNTASWFTALTQHGK	031794	1943.1	>80%	84%	Soluble in water
9546	SARS N Protein WFTALTQHGKEELRFPR	031795	2116.4	94.06%		Soluble in water
9547	SARS N Protein HGKEELRFPRGQGVPI	031796	1820.1	95.94%		Soluble in acidic solution (pH <7.5)
9548	SARS N Protein RFPRGQGVPI NTNSGPDDQI	031797	2168.4	99.26%		Soluble in water
9549	SARS N Protein NTNSGPDDQIGYYRRATR	031798	2084.2	97.68%		Soluble in acidic solution (pH <7.5)

Cat #	Peptide Name	Lot #	Molecular Weight	HPLC Purity	Peptide Content	Solubility Data
9550	SARS N Protein QIGYYRRATRRVRGGDGK	031799	2109.4	80.23%		Soluble in acidic solution (pH <7.5)
9551	SARS N Protein TRRVRGGDGKMKELSPRW	031800	2129.5	91.98%		Soluble in acidic solution (pH <7.5)
9552	SARS N Protein GKMKELSPRWYFYLL	031801	1981.4	86.05%		Soluble in acidic solution (pH <7.5)
9553	SARS N Protein LSPRWYFYLLGTGPEASL	031802	2120.4	93.30%		Soluble in water
9554	SARS N Protein YLGTPPEASLPYGANK	031803	1637.8	90.88%		Soluble in water
9555	SARS N Protein EASLPYGANKEGIVWVA	031804	1804.1	84.36%		Soluble in basic solution (pH >7.5)
9556	SARS N Protein ANKEGIVWVATEGAL	031805	1557.8	86.55%		Soluble in water
9557	SARS N Protein IVWVATEGALNTPKDHI	031806	1864.2	82.10%		Soluble in water
9558	SARS N Protein GALNTPKDHIGTRNPNNNA	031807	2004.2	82.01%		Soluble in water
9559	SARS N Protein IGTRNPNNNAATVLQL	031808	1695.9	>80%	89%	Soluble in water
9560	SARS N Protein NNNAATVLQLPQGTTLPK	031809	1880.2	82.02%		Soluble in acidic solution (pH <7.5)
9561	SARS N Protein QLPQGTTLPKGFYAEGR	031810	1950.2	83.41%		Soluble in acidic solution (pH <7.5)
9562	SARS N Protein PKGFYAEGRGGSQASSR	031811	1842.0	94.61%		Soluble in acidic solution (pH <7.5)
9563	SARS N Protein SRGGSQASSRSSRSR	031812	1652.7	>80%	73%	Soluble in water
9564	SARS N Protein ASSRSSRSRGNRNST	031813	1796.9	80.54%		Soluble in water
9565	SARS N Protein RSRGNRNSTPGSSR	031814	1618.7	96.00%		Soluble in water

Cat #	Peptide Name	Lot #	Molecular Weight	HPLC Purity	Peptide Content	Solubility Data
9566	SARS N Protein SRNSTPGSSRGNSPARMA	031815	1833.0	80.14%		Soluble in water
9567	SARS N Protein SRGNSPARMASGGGETAL	031816	1718.9	86.24%		Soluble in acidic solution (pH <7.5)
9568	SARS N Protein MASGGGETALALLLLDRL	031817	1801.3	>80%	89%	Soluble in water with 70% acetonitrile
9569	SARS N Protein ALALLLLDRLNQLLESKV	031818	1909.3	90.81%		Soluble in water
9570	SARS N Protein DRLNQLLESKVSGKGQQQQ	031819	2043.2	80.31%		Soluble in acidic solution (pH <7.5)
9571	SARS N Protein KVSGKGQQQQGQTVTKK	031820	1830.1	87.95%		Soluble in water
9572	SARS N Protein QQQGQTVTKKSAAEASKK	031821	1918.2	85.88%		Soluble in acidic solution (pH <7.5)
9573	SARS N Protein KKSAAEASKKPRQKRTA	031822	1885.2	97.40%		Soluble in water
9574	SARS N Protein SKKPRQKRTATKQYNV	031823	1933.3	91.71%		Soluble in water
9575	SARS N Protein KRTATKQYNVTQAFGRR	031824	2025.3	85.50%		Soluble in acidic solution (pH <7.5)
9576	SARS N Protein YNVVTQAFGRRGPEQTQGNF	031825	2170.4	85.94%		Soluble in acidic solution (pH <7.5)
9577	SARS N Protein RGPEQTQGNFGDQDLIR	031826	1931.1	91.52%		Soluble in basic solution (pH >7.5)
9578	SARS N Protein GNFGDQDLIRQGTDYKHW	031827	2150.3	66.04%		Soluble in water
9579	SARS N Protein IRQGTDYKHWPIAQFA	031828	2059.3	88.82%		Soluble in acidic solution (pH <7.5)
9580	SARS N Protein KHWPIAQFAPSASAFF	031829	1933.2	85.84%		Soluble in acidic solution (pH <7.5)
9581	SARS N Protein QFAPSASAFFGMSRIGM	031830	1805.1	>80%	89%	Soluble in water

Cat #	Peptide Name	Lot #	Molecular Weight	HPLC Purity	Peptide Content	Solubility Data
9582	SARS N Protein AFFGMSRIGMEVTPSGTW	031831	1974.3	80.41%		Soluble in acidic solution (pH <7.5)
9583	SARS N Protein GMEVTPSGTWLTYHGAIK	031832	1948.2	>80%	85%	Soluble in water
9584	SARS N Protein TWLTYHGAIKLDDKDPQF	031833	2148.4	80.65%		Soluble in basic solution (pH >7.5)
9585	SARS N Protein IKLDDKDPQFKDNVILL	031834	2014.4	81.41%		Soluble in basic solution (pH >7.5)
9586	SARS N Protein PQFKDNVILLNKHIDAYK	031835	2156.5	84.44%		Soluble in acidic solution (pH <7.5)
9587	SARS N Protein LLNKHIDAYKTFPTEPK	031836	2112.5	84.56%		Soluble in acidic solution (pH <7.5)
9588	SARS N Protein YKTFPTEPKKDKKKK	031837	1963.4	93.35%		Soluble in water
9589	SARS N Protein TEPKKDKKKKTDEAQPL	031838	1984.3	97.49%		Soluble in water
9590	SARS N Protein KKKTDEAQPLPQRQKK	031839	1923.3	93.05%		Soluble in water
9591	SARS N Protein AQPLPQRQKKQPTVTLL	031840	1946.3	92.50%		Soluble in acidic solution (pH <7.5)
9592	SARS N Protein QKKQPTVTLLPAADMDDF	031841	2018.3	98.22%		Soluble in basic solution (pH >7.5)
9594	SARS N Protein LLPAADMDDFSRQLQNSM	031843	2053.3	>80%	70%	Soluble in basic solution (pH >7.5)
9595	SARS N Protein DFSRQLQNSMSGASA	031844	1598.7	80.90%		Soluble in water
9596	SARS N Protein LQNSMSGASADSTQA	031845	1467.5		88%	Soluble in water with 40% acetonitrile

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