

Product datasheet for **TP723916**

SARS-CoV-2 Spike S1 Recombinant Protein with His and Avi tag

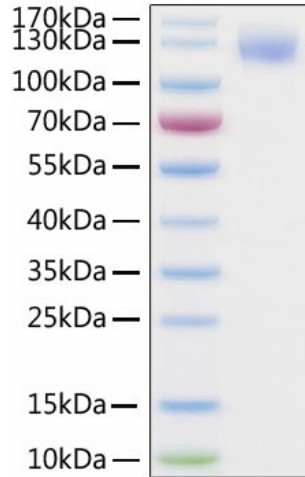
Product data:

Product Type:	Recombinant Proteins
Description:	SARS-CoV-2 Spike S1 Recombinant Protein with His and Avi tag
Species:	SARS-CoV-2
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	QCVNLTRTRQ LPPAYTNSFT RGVYYPDKVF RSSVLHSTQD LFLPFFSNVT WFHAIHVSQT NGTKRFDNPV LPFNDGVYFA STEKSNIIRG WIFGTTLDSK TQSLIVNNA TNVIKVFCEFC QFCNDPFLGV YYHKNNKSWM ESEFRVYSSA NNCTFEYVSQ PFLMDLEGKQ GNFKNLREFV FKNIDGYFKI YSKHTPINLV RDLPPQGFSALEPLVDLPIGI NITRFQTLA LHRSYLTPGD SSSGWTAGAA AYYVGYLQPR TFLLKYNENG TITDAVDCAL DPLSETKCTL KSFTVEKGIY QTSNFRVQPT ESIVRFPNIT NLCPFGEVFN ATRFASVYAW NRKRISNCVA DYSVLVNSAS FSTFKCYGVS PTKLNDLCFT NVYADSFVIR GDEVQRQIAPG QTGKIADYNY KLPDDFTGCV IAWNSNNLDS KVGGNYNLY RLFKSNLKP FERDISTEYI QAGSTPCNGV EGFNCYFPLQ SYGFQPTNGV GYQPYRWWL SFELLHAPAT VCGPKKSTNL VKNKCVNFNF NGLTGTGVLTESNKKFLPFQ QFGRDIADTT DAVRDPQTLE ILDITPCSFV GVSVITPGTN TSNQVAVLYQ DVNCTEVPVA IHADQLTPTW RVYSTGSNVF QTRAGCLIGA EHVNNSEYCD IPIGAGICAS YQTQTNPRR
Tag:	C-6xHis/AVI
Purity:	>95% by SDS-PAGE.
Buffer:	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Endotoxin:	< 1.0 EU/µg of the protein by LAL method.
Protein Description:	Recombinant 2019-nCoV Spike S1 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Gln14-Arg683) of 2019-ncov Spike S1 (Accession #YP_009724390.1) fused with a 6xHis tag and Avi at the C-terminus.
Storage:	Store at -80°C.
Stability:	3 months
Locus ID:	43740568

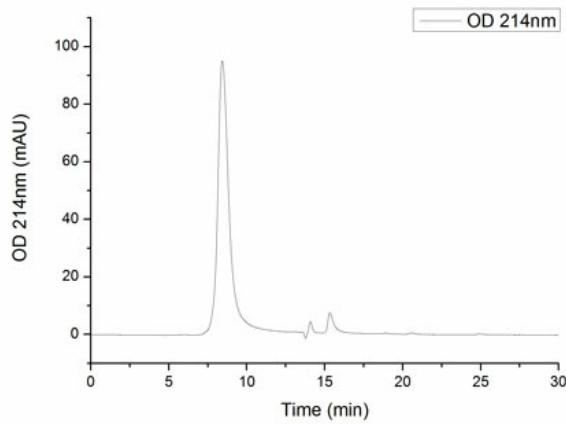


[View online »](#)

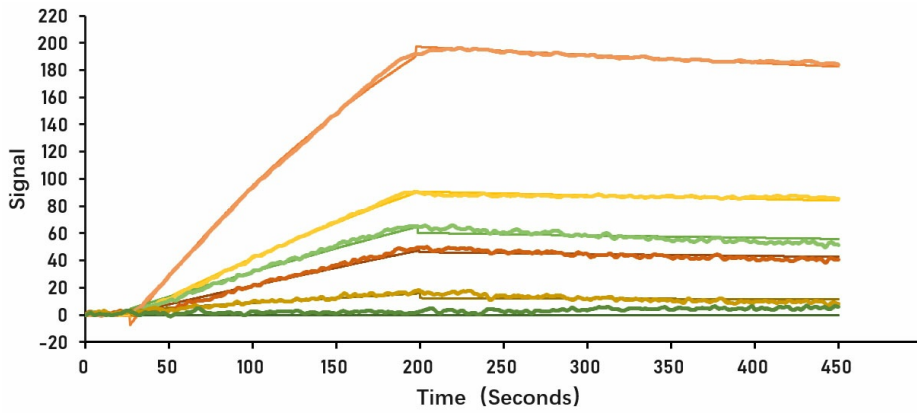
Product images:



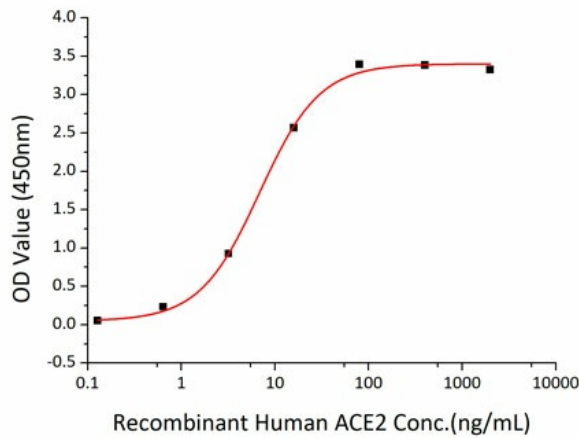
Recombinant SARS-COV-2 Spike S1 Protein with His and Avi tag was determined by SDS-PAGE with Coomassie Blue, showing a band at 110-120 kDa.



The purity of SARS-COV-2 Spike S1 Protein with His and Avi tag (Cat.TP723916) was greater than 95% as determined by SEC-HPLC.



Immobilized Human ACE2 on COOH Chip, can bind SARS-COV-2 Spike S1 with an affinity constant of 24.5 nM as determined in a SPR assay (Nicoya OpenSPR).



Immobilized Recombinant SARS-CoV-2 Spike S1 at 2µg/mL (100 µL/well) can bind recombinant Human ACE2 with a linear range of 0.15-6.85 ng/mL.