

Product datasheet for **TP723920**

ACE2 Human Recombinant Protein (Angiotensin Converting Enzyme 2)

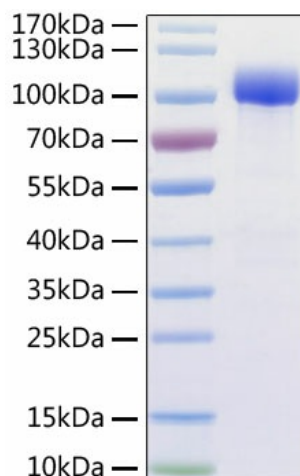
Product data:

Product Type:	Recombinant Proteins
Description:	Human ACE2 Recombinant Protein with His and Avi tag
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	QSTIEEQAKT FLDKFNHEAE DLFYQSSLAS WNYNTNITEE NVQNMNNAGD KWSAFLKEQS TLAQMYPLQE IQNLTVKLQL QALQQNGSSV LSEDKSKRLN TILNTMSTIY STGKVCNPDN PQECLLLEPG LNEIMANSLD YNERLWAWES WRSEVGKQLR PLYEYVVLK NEMARANHYE DYGDYWRGDY EVNGVDGYDY SRGQLIEDVE HTFEEIKPLY EHLHAYVRAC LMNAYPSYIS PIGCLPAHLL GDMWGRFWTN LYSLTVPFGQ KPNIDVTDAM VDQAWDAQRI FKEAEKFFVS VGLPNMTQGF WENSMLTDPG NVQKAVCHPT AWDLGKGDGR ILMCTKVMTD DFLTAHHEMG HIQYDMAYAA QPFLLRNGAN EGFHEAVGEI MSLSAATPKH LKSIGLLSPD FQEDNETEIN FLLKQALTIV GTLPFTYMLE KWRWMVFKGE IPKDQWMKKW WEMKREIVGV VEPVPHDETY CDPASLFHVS NDYSFIRYYT RTLYQFQFQE ALCQAAKHEG PLHKCDISNS TEAGQKLFNM LRLGKSEPWT LALENVGAK NMNVRPLLNY FEPLFTWLKD QNKNSFVGWS TDWSPYADQS IKVRISLKSA LGDKAYEWNND NEMYLFRSSV AYAMRQYFLK VKNQMILFGE EDVRVANLKP RISFNFFVTA PKNVSDIIPR TEVEKAIRMS RSRINDAFRL NDNSLEFLGI QPTLGPPNPQ PVS
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 Human ACE2 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Gln18-Ser740) of human ACE2 (Accession #Q9BYF1) fused with a 6×His-Avi tag at the C-terminus.
Storage:	Store at -80°C.
Stability:	3 months
Locus ID:	59272
UniProt ID:	Q9BYF1

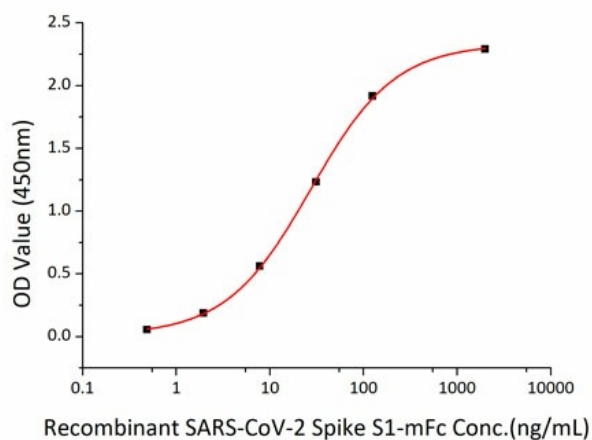


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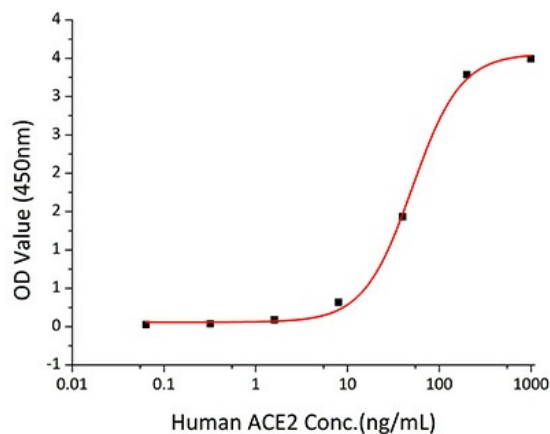
Product images:



Recombinant Human ACE2 Protein with His and Avi tag was determined by SDS-PAGE with Coomassie Blue, showing a band at 95-110 kDa.



Immobilized Recombinant Human ACE2-His at 2 μ g/mL (100 μ L/well) can bind Recombinant SARS-COV-2 Spike S1 with a linear range of 0.49-27.17 ng/mL.



Immobilized Human ACE2-His at 2 μ g/mL (100 μ L/well) can bind Recombinant SARS-CoV-2 Spike S1 with a linear range of 0.064-50.77ng/mL.