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32-190016: Recombinant Sars-Cov-2 (COVID-19/2019-nCov) S1+S2 ECD Protein

Gene ID :	43740568
Alternative Name :	cov spike Protein, 2019-nCoV;ncov spike Protein, 2019-nCoV;coronavirus spike Protein, 2019-nCoV;S glycoprotein,COVID-19;S protein;Spike glycoprotein

Description

Source: HEK293 cells.
Endotoxin < 0.1 EU/μg of the protein by LAL method.
Recombinant 2019-nCoV S1+S2 ECD Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Val11-Gln1208) of 2019-ncov S1+S2 ECD (Accession #YP_009724390.1) fused with an 6×His tag at the C-terminus.

Product Info

Amount :	100 μg
Purification :	>97% by SDS-PAGE.
Content :	Supplied as a 0.22 μm filtered solution in PBS, pH 7.4.
Storage condition :	This product is stable at â‰¤ -70°C for up to 6 months from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze-thaw cycles.
Amino Acid :	Tag 6Ã—His tag at the C-terminus. (Val11-Gln1208)

Application Note

Reconstitution: Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

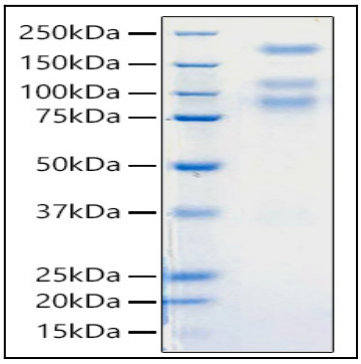

Fig 1 : Recombinant 2019-nCoV S1+S2 ECD Protein was determined by SDS-PAGE with Coomassie Blue, showing bands around 80, 110, 180 kDa.

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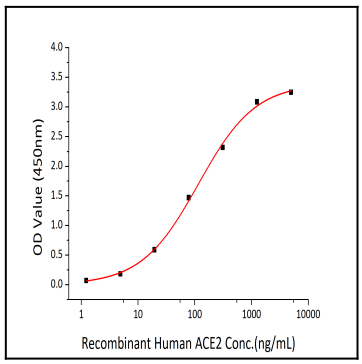

Fig2: Immobilized Recombinant 2019-nCoV Spike S1+S2 ECD-His at 2Î¼g/mL (100 Î¼L/well) can bind Recombinant Human ACE2 with a linear range of 1.5-115.4 ng/mL.

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