

COVID 19 Spike S1+S2 ECD Coronavirus Recombinant Protein | COVID-19 recombinant protein

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

CATALOG # AAA78536	HOST HEK293 cells
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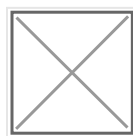
PRODUCT SYNONYMS

COVID 19 Spike S1+S2 ECD Coronavirus; Recombinant Sars-Cov-2 (COVID-19/2019-nCov) S1+S2 ECD Protein; 2019 Novel Coronavirus; Coronavirus; CoV; COVID-19 virus; HCoV-2; Human Coronavirus 2019; SARS2; SARS-CoV-2; Severe acute respiratory syndrome coronavirus 2; Spike S1+S2 ECD; COVID-19 recombinant protein

PRODUCT SPECIFICATIONS

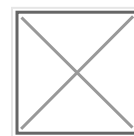
Host	HEK293 cells
Purity/Purification	>97% by SDS-PAGE.
Form/Format	Supplied as a 0.22um filtered solution in PBS, pH7.4.
Endotoxin	<0.1EU/ug of the protein by LAL method.
Reconstitution	Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.
Amino Acid note	Tag 6xHis tag at the C-terminus. (Val11-Gln1208)
Preparation and Storage	Store the lyophilized protein at -20 degree C to -80 degree C for long term. After reconstitution, the protein solution is stable at -20 degree C for 3 months, at 2-8 degree C for up to 1 week.

IMAGES



Application Data

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



SDS-PAGE

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

ADDITIONAL INFORMATION

Related Product Information for COVID-19 recombinant protein	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 6xHis tag at the C-terminus.
Product Categories/Family for COVID-19 recombinant protein	Recombinant Proteins

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/covid-19-spike-s1-s2-eed-coronavirus-recombinant-protein-hek293-cells/78536>