

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

Recombinant 2019-nCoV S1+S2 ECD Protein

CATALOG #
AAA281521

HOST
HEK293 Cells

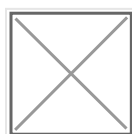
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

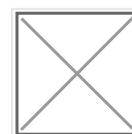
Host	HEK293 Cells
Purity/Purification	>97% by SDS-PAGE
Form/Format	Supplied as a 0.22 um filtered solution in PBS, pH 7.4. Contact us for customized product form or formulation.
Species	2019-nCoV
Tag Information	6×His tag at the C-terminus
Endotoxin	< 0.1 EU/ug of the protein by LAL method.
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	This product is stable at ≤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. Avoid repeated freeze/thaw cycles

IMAGES



Application Data

Immobilized Recombinant SARS-COV-2 Spike S1+S2 ECD-His at 2ug/mL (100uL/well) can bind Recombinant Human ACE2 with a linear range of 0.15-9.92ng/mL.



SDS-PAGE

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	Background: The spike protein (S) of coronavirus (CoV) attaches the virus to its cellular receptor,angiotensin-converting enzyme 2 (ACE2). A defined receptor-binding domain(RBD) on S mediates this interaction. The S protein plays key parts in the induction of neutralizing-antibody and T-cell responses, as well as protective immunity. Description: Recombinant SARS-COV-2 S1+S2 ECD (S-ECD) Protein with His tag (Wild type, pre-fusion state plus post-fusion state) is produced by HEK293 cells expression system. The target protein is expressed with sequence (Val11-Gln1208) of SARS-COV-2(2019-nCoV) S1+S2 ECD (S-ECD) (Accession #YP_009724390.1) fused with a 6×His tag at the C-terminus. Bio-Activity: Measured by its binding ability in a functional ELISA. Immobilized Recombinant SARS-COV-2 Spike S1+S2 ECD-His at 2ug/mL (100 uL/well) can bind Recombinant Human ACE2 with a linear range of 0.15-9.92 ng/mL.
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NCBI AND UNIPROT INFORMATION

NCBI GeneID	43740568
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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-protein-ecd-coronavirus-recombinant-protein-hek293-cells/281521>