

COVID 19 Spike ECD Coronavirus Recombinant Protein | COVID-19 recombinant protein

SARS-CoV-2 Spike protein (ECD, His and DYKDDDDK Tag)

CATALOG # AAA78529	HOST Sf9 insect cells	APPLICATIONS Western Blot, ELISA, Functional Assay
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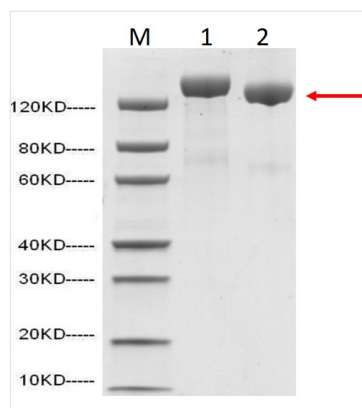
PRODUCT SYNONYMS

COVID 19 Spike ECD Coronavirus; SARS-CoV-2 Spike protein (ECD; His and DYKDDDDK Tag); 2019 Novel Coronavirus; Coronavirus; CoV; COVID-19 virus; HCoV-2; Human Coronavirus 2019; SARS2; SARS-CoV-2; Severe acute respiratory syndrome coronavirus 2; Spike ECD; COVID-19 recombinant protein

PRODUCT SPECIFICATIONS

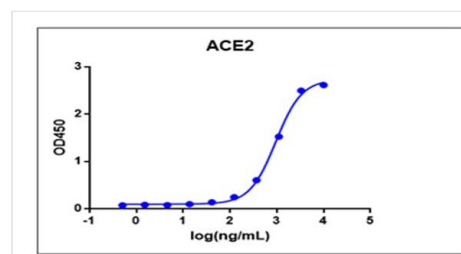
Host	Sf9 insect cells
Purity/Purification	>90% as analyzed by SDS-PAGE
Form/Format	Purified. PBS pH7.2 containing 10% glycerol.
Applicable Applications for COVID-19 recombinant protein	WB (Western Blot), ELISA, FA (Functional Assay)
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store at -20 degree C or below. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

Figure-2: Lane-1: 2 ug of S-ECD protein, reducing (R) and Lane-2: 2 ug of S-ECD protein, non-reducing (N). > 90% as analyzed by SDS-PAGE.



ELISA

Figure-1:SARS-CoV-2 Spike protein (ECD) can bind with Human ACE2 in functional ELISA assay.

ADDITIONAL INFORMATION

Related Product Information for COVID-19 recombinant protein	SARS-CoV-2 (Severe Acute Respiratory Syndrome Coronavirus 2) also known as 2019-nCoV (2019 Novel Coronavirus) is a virus that causes illnesses ranging from the common cold to severe diseases. SARS-CoV-2 Spike Protein is composed of S1 domain and S2 domain. S1 contains a receptor-binding domain (RBD) that can specifically bind to angiotensin-converting enzyme 2 (ACE2), the receptor on target cells. ECD is the extra cellular domain of spike protein.
Product Categories/Family for COVID-19 recombinant protein	Recombinant Proteins

NCBI AND UNIPROT INFORMATION

Molecular Weight	Predicted MW: 135kDa
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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-ecc-coronavirus-recombinant-protein-sf9-insect-cells-wb-western-blot-elisa-fa-functional-assay/78529>