

COVID 19 Spike S1 (C-FC) Coronavirus Recombinant Protein | COVID-19 recombinant protein

Recombinant 2019-nCoV S1 Protein (c-Fc)

CATALOG # AAA27946	HOST Human Cells	APPLICATIONS Immunogen, Calibrator, Standard
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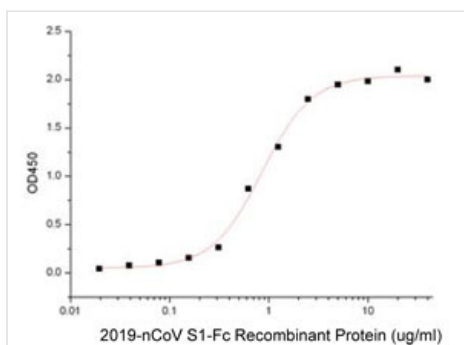
PRODUCT SYNONYMS

COVID 19 Spike S1 (C-FC) Coronavirus; Recombinant 2019-nCoV S1 Protein (c-Fc); 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 (C-FC); COVID-19 recombinant protein

PRODUCT SPECIFICATIONS

Host	Human Cells
Purity/Purification	Purity: Greater than 90% as determined by reducing SDS-PAGE. Purification: Affinity purification chromatography.
Form/Format	Supplied as a 0.2 uM filtered solution of PBS, pH 7.4
Applicable Applications for COVID-19 recombinant protein	Immunogen, Calibrator, Standard
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	Ships on dry ice. Protein solution should be stored at <= -20°C.

IMAGES



Application Data

Immobilized Human ACE-2-Fc at 10ug/ml (100 ul/well) can bind 2019-nCoV S1 Protein-Fc*. *: Biotinylated by NHS-biotin prior to testing. The ED50 of 2019-nCoV S1 Protein-Fc* is 0.85 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for COVID-19 recombinant protein	Description: Recombinant 2019-nCoV S1 Protein is produced by our Mammalian expression system and the target gene encoding Gln14-Arg685 is expressed with a Fc tag at the C-terminus. Background: Protein S (PROS1) is glycoprotein and expressed in many cell types supporting its reported involvement in multiple biological processes that include coagulation, apoptosis, cancer development and progression, and the innate immune response. Known receptors bind S1 are ACE2, angiotensin-converting enzyme 2, DPP4, CEACAM etc. The spike (S) glycoprotein of coronaviruses is known to be essential in the binding of the virus to the host cell at the advent of the infection process. Most notable is severe acute respiratory syndrome (SARS).
Product Categories/Family for COVID-19 recombinant protein	Infectious Diseases

NCBI AND UNIPROT INFORMATION

UniProt Accession #	QHD43416.1
Molecular Weight	Mol Mass: 102.2kDa AP Mol Mass: 130-140kDa, reducing conditions

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-c-fc-coronavirus-recombinant-protein-human-cells-immunogen-calibrator-standard/27946>