

COVID 19 Spike S1 Coronavirus Recombinant Protein | COVID-19 recombinant protein

SARS CoV2 Spike S1 C-Term His Tag Protein

CATALOG # AAA78555	HOST CHO-K1	APPLICATIONS ELISA, Functional Assay
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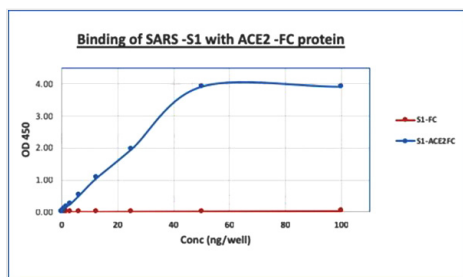
PRODUCT SYNONYMS

COVID 19 Spike S1 Coronavirus; SARS CoV2 Spike S1 C-Term His Tag 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; COVID-19 recombinant protein

PRODUCT SPECIFICATIONS

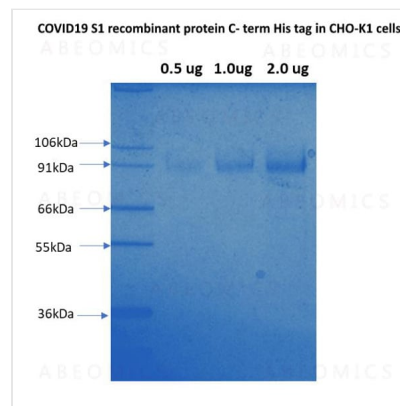
Host	CHO-K1
Purity/Purification	>95% by SDS-PAGE
Form/Format	PBS and 10% Glycerol
Sequence Positions	14-683aa
Applicable Applications for COVID-19 recombinant protein	ELISA, FA (Functional Assay)
Preparation and Storage	It is shipped on ice packs. Upon arrival, store at -20 degree C. Do not freeze-thaw multiple times.

IMAGES



Application Data

Figure 2: Binding assay of recombinant SARS CoV-2 Spike S1 C-Term His Tag Protein with recombinant Human ACE2 Fc Protein. An ELISA plate was coated with 1ug/ml of recombinant SARS CoV-2 Spike S1 C-Term His Tag Protein, and the plate was incubated overnight at 4 degree C. Different concentrations (100 ng/well to 0 ng/well) of recombinant Human ACE2 Fc Protein was added to the wells. HRP conjugated goat anti-human Fc was used as secondary antibody.



SDS-PAGE

Figure-1: SDS-PAGE analysis of purified SARS-CoV-2 Spike S1-His recombinant protein. 0.5, 1.0 and 2.0ug protein was run on a 4-20% SDS-PAGE gel followed by Coomassie blue staining.

ADDITIONAL INFORMATION

Related Product Information for COVID-19 recombinant protein	The target protein is expressed with sequence (AA 14-683) of SARS-CoV-2/COVID-19 Spike S1 sequence fused with a 6xHis tag in C-Terminal. The spike protein (S1) of coronavirus (CoV2) 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.
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://www.aaabiotech.com/covid-19-spike-s1-coronavirus-recombinant-protein-cho-elisa-fa-functional-assay/78555>