

COVID 19 Spike Glycoprotein S1 RBD Coronavirus Active Protein | COVID-19 active protein

Recombinant Human SARS-CoV-2 Spike Glycoprotein S1 RBD (HEK)

CATALOG #
AAA13473

HOST
HEK293 Cells

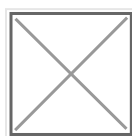
PRODUCT SYNONYMS

COVID 19 Spike Glycoprotein S1 RBD Coronavirus; Recombinant Human SARS-CoV-2 Spike Glycoprotein S1 RBD (HEK); 2019 Novel Coronavirus; Coronavirus; CoV; COVID-19 virus; HCoV-2; Human Coronavirus 2019; SARS2; SARS-CoV-2; Severe acute respiratory syndrome coronavirus 2; Spike Glycoprotein S1 RBD; Receptor Binding Domain; COVID-19 active protein

PRODUCT SPECIFICATIONS

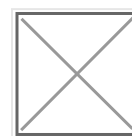
Host	HEK293 Cells
Purity/Purification	Affinity chromatography. Purity: >95% by SDS PAGE gel
Form/Format	Sterile phosphate buffered saline (PBS)
Concentration	1 mg/ml (varies by lot)
Sequence	Arg319-Phe 541
Appearance	Clear colorless solution.
Preservative	None
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Production Method	Recombinant mammalian culture supernatant w/o viral particle.
Preparation and Storage	Ships on dry ice. Store at -20°C. Avoid repeated freeze-thaw cycles. Ships on Dry ice.

IMAGES



WB (Western Blot)

Western Blot: Spike RBD HIS Tag detected with Anti-HIS-Tag antibody HRP conjugate showing a band at approx. 30 kDa



SDS-PAGE

SDS-PAGE 4-15% under reducing conditions and visualized by Coomassie blue staining showing a band at approx. 30 kDa

ADDITIONAL INFORMATION

Related Product Information for COVID-19 active protein

Recombinant Human Coronavirus SARS-CoV-2 Spike Protein S1 subunit, Receptor-Binding Domain (RBD), NCBI Accession Number: MN908947

Spike protein (S protein) is one of four structural proteins of Coronavirus (SARS-Cov, SARS-Cov-2, MERS amongst other), S protein plays the most important role in viral attachment, fusion and entry, and it serves as a target for development of antibodies, entry inhibitors and vaccines. In the S protein, the Receptor Binding Domain (RBD) mediates viral entry of SARS-Cov and SARS-Cov-2 into host cells by its interaction with the membrane receptor ACE2 (angiotensin-converting enzyme 2).

NCBI AND UNIPROT INFORMATION

Molecular Weight	Predicted MW: 26.1 kDa SDS-PAGE MW: Approx. 30 kDa
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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/hek293-cells-covid-19-active-protein/covid-19-spike-glycoprotein-s1-rbd-coronavirus/13473>