

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

SARS-CoV-2 (2019-nCoV) Spike Protein (RBD, Fc Tag)

CATALOG # AAA268889	HOST HEK293 Cells Source: 2019nCoV
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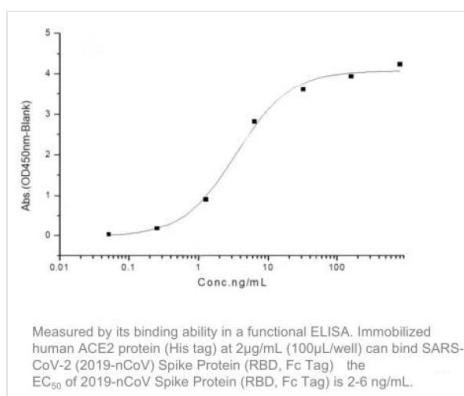
PRODUCT SYNONYMS

COVID 19 Spike RBD Coronavirus; SARS-CoV-2 (2019-nCoV) Spike Protein (RBD, Fc 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 RBD; Receptor Binding Domain; COVID-19 active protein

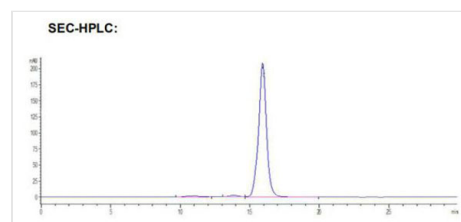
PRODUCT SPECIFICATIONS

Host	HEK293 Cells Source: 2019nCoV
Purity/Purification	>95% as determined by SDS-PAGE. 95% as determined by SEC-HPLC
Form/Format	Liquid or lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Predicted N terminal	Arg 319
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized human ACE2 protein (His tag) at 2 u g/mL (100 u L/well) can bind SARS-CoV-2 (2019-nCoV) Spike Protein (RBD, Fc Tag)(ZD2019-P2), the EC50 of 2019-nCoV Spike Protein (RBD, Fc Tag) is 2-6 ng/mL.
Molecular Mass	The recombinant SARS-CoV-2 (2019-nCoV) Spike Protein (RBD, Fc Tag) consists of 461 amino acids and predicts a molecular mass of 51.8 kDa.
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	Samples are stable for 12 months from date of receipt at -20 degree C to -80 degree C. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles

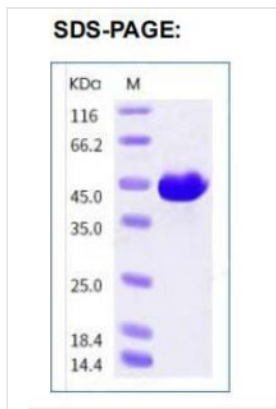
IMAGES



Application Data



Application Data



Application Data

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-rbd-coronavirus/268889>