

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

Recombinant 2019-nCoV Spike RBD Protein, mFc Tag

CATALOG # AAA281531	HOST HEK293 Cells
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PRODUCT SYNONYMS

COVID 19 Spike RBD Coronavirus; Recombinant 2019-nCoV Spike RBD Protein; mFc 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
Purity/Purification	> 95% by SDS-PAGE.
Form/Format	Lyophilized from a 0.22 um filtered solution of PBS, pH 7.4. or Supplied as a 0.22 um filtered solution in PBS, pH 7.4.
Endotoxin	< 1.0 EU/ug of the protein by LAL method.
Tag Information	mFc tag at the C-terminus
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Recombinant 2019-nCoV RBD-mFc at 2?g/mL (100 ?L/well) can bind Recombinant Human ACE2 with a linear range of 8-80 ng/mL.
Reconstitution	Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.
Preparation and Storage	Store the lyophilized protein at -20 degree C to -80 degree C for long term. After reconstitution, the protein solution is stable at -20 degree C for 3 months, at 2-8 degree C for up to 1 week.

ADDITIONAL INFORMATION

Related Product Information for COVID-19 active protein	Recombinant 2019-nCoV Spike RBD Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Arg319-Phe541) of 2019-ncov Spike RBD (Accession #YP_009724390.1) fused with a mFc tag at the C-terminus.
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NCBI AND UNIPROT INFORMATION

NCBI GeneID	43740568
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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-rbd-coronavirus/281531>