

COVID 19 Delta Spike S Protein RBD Coronavirus Recombinant Protein | COVID-19 recombinant protein

SARS-CoV-2 (Delta) S protein RBD, hFc Tag

CATALOG #
AAA47535

HOST
HEK293

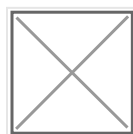
PRODUCT SYNONYMS

COVID 19 Delta Spike S Protein RBD Coronavirus; SARS-CoV-2 (Delta) S protein RBD; hFc Tag; 2019 Novel Coronavirus; Coronavirus; CoV; COVID-19 virus; HCoV-2; Human Coronavirus 2019; SARS2; SARS-CoV-2; Severe acute respiratory syndrome coronavirus 2; SARS-CoV-2 B.1.617.2 (Delta) Spike RBD Protein; COVID-19 recombinant protein

PRODUCT SPECIFICATIONS

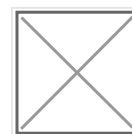
Host	HEK293
Purity/Purification	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Form/Format	Lyophilized from sterile PBS, pH7.4. Normally 5%-8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions.
Tag	C-Human Fc tag
Preparation and Storage	Store at -20 degree C to -80 degree C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80 degree C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

IMAGES



SDS-PAGE

Figure 1. SARS-CoV-2 (2019-nCoV) S protein RBD(L452R & T478K), hFc Tag on SDS-PAGE under reducing condition.



ELISA

Figure 1. SARS-CoV-2 (2019-nCoV) S protein RBD(L452R & T478K), hFc Tag on SDS-PAGE under reducing condition.

ADDITIONAL INFORMATION

Related Product Information for COVID-19 recombinant protein	Recombinant SARS-CoV-2 RBD(L452R,T478K) protein with C-terminal human Fc tag SARS-CoV-2 (Severe Acute Respiratory Syndrome Coronavirus 2) also known as Covid19 (2019 Novel Coronavirus) is a virus that causes illnesses ranging from the common cold to severe diseases. The spike protein is a type I transmembrane protein containing two subunits, S1 and S2. S1 mainly contains a receptor binding domain (RBD), which accounts for recognizing the cell surface receptor, ACE2. S2 contains basic elements needed for the membrane fusion. Recent publications indicate that S1-RBD domain can induce virus neutralizing-antibody and T cell response.
Product Categories/Family for COVID-19 recombinant protein	Bioactive Protein

NCBI AND UNIPROT INFORMATION

UniProt Accession #	P0DTC2
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Molecular Weight

The protein has a predicted molecular mass of 51.2 kDa after removal of the signal peptide. The apparent molecular mass of RBD(L452R& T487K)-hFc is approximately 55-70 kDa due to glycosylation.

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-delta-spike-s-protein-rbd-coronavirus-recombinant-protein-hek293/47535>