

COVID 19 Spike S protein RBD (N501Y) Coronavirus Recombinant Protein | COVID-19 recombinant protein

SARS-CoV-2 (2019-nCoV) S protein RBD (N501Y), hFc Tag

CATALOG # AAA47360	HOST HEK293 cells
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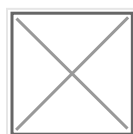
PRODUCT SYNONYMS

COVID 19 Spike S protein RBD (N501Y) Coronavirus; SARS-CoV-2 (2019-nCoV) S protein RBD (N501Y); 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; Spike S protein RBD (N501Y); COVID-19 recombinant protein

PRODUCT SPECIFICATIONS

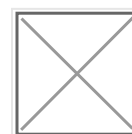
Host	HEK293 cells
Purity/Purification	>90%. Affinity purification
Form/Format	Lyophilized from sterile PBS, pH7.4. Normally 5%-8% trehalose is added as protectants before lyophilization.
Sequence	SproteinRB D(N501Y)(A rg319-Phe5 41)+hFc(GI u99-Ala330)
Origin	Human
Reconstitution	Reconstitute with deionized water
Tag	C-Human Fc tag
Preparation and Storage	Store at -80 degree C for 12 months (Avoid repeated freezing and thawing)

IMAGES



SDS-PAGE

Figure 1. SARS-CoV-2 (2019-nCoV) S protein RBD(N501Y), hFc Tag on SDS-PAGE under reducing condition.



ELISA

Figure 1. SARS-CoV-2 (2019-nCoV) S protein RBD(N501Y), hFc Tag on SDS-PAGE under reducing condition.

ADDITIONAL INFORMATION

Related Product Information for COVID-19 recombinant protein	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.
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NCBI AND UNIPROT INFORMATION

NCBI GeneID	43740568
UniProt Accession #	P0DTC2
Molecular Weight	55-70kDa

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-spike-s-protein-rbd-n501y-coronavirus-recombinant-protein-hek293-cells/47360>