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

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

CATALOG #	HOST	APPLICATIONS
AAA47276	**HEK293 cells**	**ELISA, Western Blot**

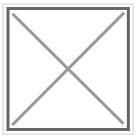
PRODUCT SYNONYMS

COVID 19 Spike RBD Coronavirus; SARS-CoV-2 (2019-nCoV) 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; Spike RBD ; Receptor Binding Domain; COVID-19 recombinant protein

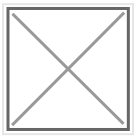
PRODUCT SPECIFICATIONS

Host	HEK293 cells
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, pH 7.4. Normally 5%-104% trehalose is added as protectants before lyophilization.
Sequence	SproteinRB D(Arg319-P he541)+hFc (Glu99-Ala 330)
Applicable Applications for COVID-19 recombinant protein	ELISA, WB (Western Blot)
Source	SARS-CoV-2
Conjugation	C-Human Fc tag
Reconstitution	Reconstitute with deionized water
Preparation and Storage	Store at -80 degree C for 12 months (Avoid repeated freezing and thawing) Shipping: Blue Ice

IMAGES



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



ELISA
Figure 1. SARS-CoV-2 (2019-nCoV) S protein RBD, 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.

NCBI AND UNIPROT INFORMATION

NCBI GeneID	43740568

UniProt Accession #	P0DTC2
Molecular Weight	The protein has a predicted molecular mass of 51.2 kDa after removal of the signal peptide.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/covid-19-spike-rbd-coronavirus-recombinant-protein-hek293-cells-elisa-wb-western-blot/47276