

SARS-COV-2 Spike RBD (L452R,T478K) Active Protein | SARS-CoV-2 active protein

Active Recombinant SARS-COV-2 Spike RBD (L452R,T478K) Protein

CATALOG #
AAA282536

HOST
HEK293 cells

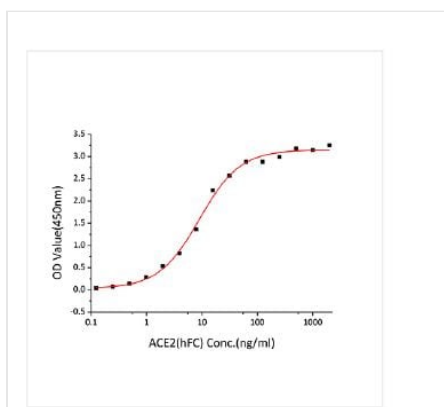
PRODUCT SYNONYMS

SARS-COV-2 Spike RBD (L452R; T478K); Active Recombinant SARS-COV-2 Spike RBD (L452R; T478K) Protein; S1-RBD protein; NCP-CoV RBD Protein; novel coronavirus RBD Protein; 2019-nCoV RBD Protein; S glycoprotein Subunit1 RBD Protein; SARS-CoV-2 active protein

PRODUCT SPECIFICATIONS

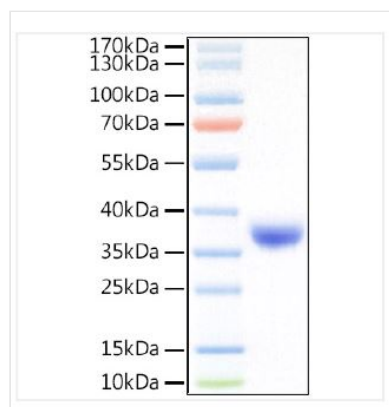
Host	HEK293 cells
Purity/Purification	> 95% by SDS-PAGE.
Form/Format	Liquid Lyophilized from a 0.22 um filtered solution of PBS, pH 7.4.
Species	SARS-COV-2
Tag	C-His
Bioactivity	Measured by its binding ability in a functional ELISA. Immobilized SARS-CoV-2 Spike RBD(L452R, T478K) at 2 ug/mL (100 uL/well) can bind Human ACE2 with a linear range of 0.1-8.96 ng/mL.
Preparation and Storage	Store the lyophilized protein at -20 to -80 degree C for 12 months. After reconstitution, the protein solution is stable at -20 degree C for 3 months, at 2-8 degree C for up to 1 week. Avoid repeated freeze/thaw cycles. Ship: Ice Pack

IMAGES



Application Data

Immobilized SARS-CoV-2 Spike RBD(L452R,T478K) at 2ug/mL (100uL/well) can bind Human ACE2 with a linear range of 0.1-8.96 ng/mL.



SDS-PAGE

Recombinant SARS-COV-2 Spike RBD(L452R,E484Q) Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 37kDa.

ADDITIONAL INFORMATION

Related Product Information for SARS-CoV-2 active protein

Active Recombinant SARS-COV-2 Spike RBD(L452R,T478K) Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Arg319-Phe541(L452R,T478K) of sars-cov-2 Spike RBD(L452R,T478K)(Accession #YP_009724390.1) fused with a 6×His tag at the C-terminus.

Product Categories/Family for SARS-CoV-2 active protein

Other Recombinant Protein

NCBI AND UNIPROT INFORMATION

NCBI GeneID

[43740568](#)

UniProt Accession #

[P0DTC2](#)

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://www.aaabiotech.com/hek293-active-protein/sars-cov-2-spike-rbd-l452rt478k/282536>