

COVID 19 Spike Glycoprotein (S) Coronavirus Active Protein | COVID-19 active protein

Recombinant Human Novel Coronavirus Spike Glycoprotein (S), Partial

CATALOG # AAA27033	HOST Mammalian Cell
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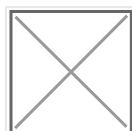
PRODUCT SYNONYMS

COVID 19 Spike Glycoprotein (S) Coronavirus; Recombinant Human Novel Coronavirus Spike Glycoprotein (S); Partial; 2019 Novel Coronavirus; Coronavirus; CoV; COVID-19 virus; HCoV-2; Human Coronavirus 2019; SARS2; SARS-CoV-2; Severe acute respiratory syndrome coronavirus 2; Spike Glycoprotein (S); COVID-19 active protein

PRODUCT SPECIFICATIONS

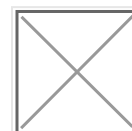
Host	Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	319-541. Partial (S1-RBD)
Sequence	RVQPTESIVR FPNITNLCPF GEVFNATRFA SVYAWNKRRI SNCVADYSVL YNSASFSTFK CYGVSPTKLN DLCFTNVYAD SFVIRGDEV R QIAPGQTGKI ADYNYKLPDD FTGCVIAWNS NNLD SKVGN YNYLYRLFRK SNLKPFERDI STEIYQAGST PCNGVEGFNC YFPLQSYGFQ PTNGVGYQPY R VVLSFELL HAPATVCGPK KSTNLVKNKC VNF
Species	Human Novel Coronavirus (SARS-CoV-2/ 2019-nCoV)
Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Preparation and Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.

IMAGES



Biological Activity

Measured by its binding ability in a functional ELISA. Immobilized SARS-CoV-2-S1-RBD at 2 ug/ml can bind SARS-CoV-2-S Antibody, the EC50 of SARS-CoV-2-S1-RBD protein is 19.60-39.42 ng/ml.



SDS-PAGE

Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel. Predicted band size: 38.2 kDa; Observed band size: (a) 68 kDa before EndoH Digestion; (b) 38 kDa after EndoH Digestion

ADDITIONAL INFORMATION

Product Categories/Family for COVID-19 active protein	Microbiology; Infectious Disease
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NCBI AND UNIPROT INFORMATION

UniProt Accession #	P0DTC2
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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.

