

MERS CoV Spike S1 Recombinant Protein

Spike Protein (S1)(aa 1-725) of MERS CoV

CATALOG #
AAA13769

APPLICATIONS
Western Blot, ELISA

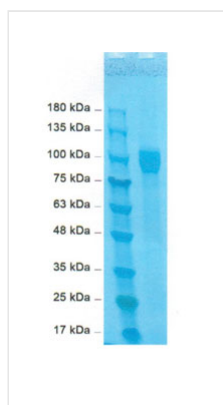
PRODUCT SYNONYMS

MERS CoV Spike S1; Spike Protein (S1)(aa 1-725) of MERS CoV; MERS CoV Spike S1 (aa 1-725) Protein; MERS CoV Spike S1 recombinant protein

PRODUCT SPECIFICATIONS

Purity/Purification	≥ 95% (by SDS PAGE)
Concentration	1 ug/ul in PBS (varies by lot)
Sequence	MIHSVFLLMF LLTPTESYVD VGPDSVKSAC IEVDIQQTFF DKTWPRPIDV SKADGIYPQ GRYSNITIT YQGLFPYQGD HGD MYVYSAG HATGTTPQKL FVANYSQDVK QFANGFVRI GAAANSTTVI ISPSTSATIR KIYPAFMLGS SVGNFSDGKM GRFFNHTLVL LPDGCGLLR AFYCILEPRS GNHCPAGNSY TSFATYHTPA TDCSDGNYNR NASLNSFKEY FNLNCTFMY TYNITEDEIL EWFGTQTAQG VHLFSSRYVD LYGGNMFQFA TLPVYDTIKY YSIIPHSIRS IQSDRKAWAA FYVYKLQPLT FLDFSVDGY IRRaidCGFN DLSQLHCSYE SFDVESGVYS VSSFEAKPSG SVVEQAEGVE CFSPLLSTGP PQVYNFKRLV FTNCNYNLTK LLSLFSVNDF TCSQISPAAI ASNCYSSLIL DYFSYPLSMK SDSLVSAGP ISQFNKQSF SNPTCLILAT VPHNLTTITK PLKYSYINKC SRIISDDREV PQLVNANQYS PCVSIVPSTV WEDGDYYRKQ LSPLEGGGWL VASGSTVAMT EQQLMGFGIT VQYGTDTNSV CPKLEFANDT KIASQLGNCV EYSLYGVSGR GVFQNCTAVG VRQRFVYDA YQNLVYYSDD GNYYCLRACV SVPVSVIYDK ETKTHATLFG SVACEHISST MSQYSRSTRS MLKRRDSTYG PLQTPVGCVL GLVNSSLFVE HHHHHH
Applicable Applications for MERS CoV Spike S1 recombinant protein	WB (Western Blot), ELISA, Antigen
Viral Protein	Recombinant C-terminal 6x His tagged spike (S1) (amino acid 1-725) protein of MERS-CoV (Genebank No. AFS88936.1); the predicted N-terminal amino acid is Tyr18.
Endotoxin Level	<0.01 EU per 1 ug of the protein by LAL test
Preparation and Storage	Store at -20°C; Stable for 6-months from the date of receipt when kept at 4°C. Non-hazardous, no MSDS required.

IMAGES



SDS-PAGE

SDS-PAGE: Purified S1 protein (aa 1-725) of MERS-CoV

ADDITIONAL INFORMATION

Related Product Information for MERS CoV Spike S1 recombinant protein	Viral protein purified from 293 cell culture The Middle East respiratory syndrome coronavirus (MERS-CoV) is a novel positive-sense, single-stranded RNA virus of the genus Betacoronavirus which is distinct from SARS coronavirus and the common-cold coronavirus. Proteins that contribute to the overall structure of all coronaviruses are the spike (S), envelope (E), membrane (M) and nucleocapsid (N). The S glycoprotein consists of a globular S1 domain at the N-terminal region, followed by membrane-proximal S2 domain, a transmembrane domain and an intracellular domain.
Product Categories/Family for MERS CoV Spike S1 recombinant protein	Viral Recombinant Proteins; CoronaVirus

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/mers-cov-spike-s1-recombinant-protein-wb-western-blot-elisa-antigen/13769>