

CoV-MERS spike-RBD Recombinant Protein | CoV-MERS recombinant protein

CoV-MERS spike-RBD

CATALOG # AAA14639	HOST E Coli	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

CoV-MERS spike-RBD; CoV-MERS recombinant protein

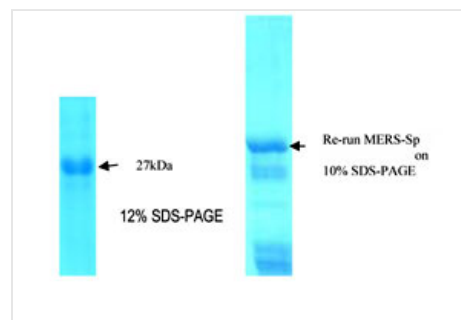
PRODUCT SPECIFICATIONS

Host	E Coli
Specificity	>95% pure (12% SDS-PAGE, Coomassie blue stain). Proprietary chromatographic technique.
Purity/Purification	>95% pure (12% SDS-PAGE, Coomassie blue stain). Proprietary chromatographic technique.
Form/Format	Purified, Liquid. PBS with 25mM arginin, 0.05% sodium azide
Concentration	1.73mg/ml (lot 04-2015) (varies by lot)
Sequence	EAKPSGSVVE QAEGVECD FS PLLSGTPPQV YNFKRLVFTN CNYNLTLLS LFSVNDFTCS QISPAAIASN CYSSLILDYF SYPLSMKSDL SVSSAGPISQ FNYKQSFSNP TCLILATVPH NLTTITKLKY SYINKCSRLL SDDRTEVPQL VNANQYSPCV SIVPSTWED GDYYRQLSP LEGGGWLVAS GSTVAMTEQL QMGFGITVQY GTDNTSVC PK LEFANDTKIA SQLGNCVEY
Applicable Applications for CoV-MERS recombinant protein	ELISA, WB (Western Blot), IA (Immunoassay)
Important Note	Centrifuge before opening to ensure complete recovery of vial contents.
Preparation and Storage	Upon receipt, store at -20 degree C. Avoid multiple freeze/thaw cycles.

IMAGES



SDS-PAGE



SDS-PAGE

EAEPGSGSVVEQAEGVECD FS PLLSGTPPQV YNFKRLVFTN CNYNLTLLS LFSVNDFTCS QISPAAIASN
CYSSLILDYF SYPLSMKSDL SVSSAGPISQ FNYKQSFSNP TCLILATVPH NLTTITKLKY SYINKCSRLL
SDDRTEVPQL VNANQYSPCV SIVPSTWED GDYYRQLSP LEGGGWLVAS GSTVAMTEQL QMGFGITVQY
GTDNTSVC PK LEFANDTKIA SQLGNCVEY

Application Data
Sequence

ADDITIONAL INFORMATION

Related Product Information for CoV-MERS recombinant protein	Since April 2012, cases of the Middle East Respiratory Syndrome Coronavirus (MERS-CoV) have been identified in middle east and other countries. This virus is also classified into coronaviruse family, causing severe illnesses with over 40% mortality. Like other coronaviruses, large surface spike glycoprotein is one important structural protein of thisvirus, it is located over the virion surface to bind to and entry into the target cell. Sipke protein has two domains, S1 and S2, S1 domain is responsible for cellular tropism and interaction with target cell, while S2 domain responsible for membrane fusion. C terminus of S1 contains a receptor binding domain with potential for vaccine development and identification.A peptide from amino acids 367 to 606 spike protein S1 is expressed and purified from E Coli, a 6 x His tag is attached to its C terminus.
Product Categories/Family for CoV-MERS recombinant protein	Coronary Virus Proteins

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/cov-mers-spike-rbd-recombinant-protein-e-coli-elisa-wb-western-blot-ia-immunoassay/14639>