

MERS-CoV S-trimer Protein Active Protein | MERS-CoV active protein

Recombinant MERS-CoV S-trimer Protein (R751S, C-6His)(Active)

CATALOG # AAA177996	HOST HEK293 cells
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PRODUCT SYNONYMS

MERS-CoV S-trimer Protein; Recombinant MERS-CoV S-trimer Protein (R751S; C-6His)(Active); MERS-CoV S protein; MERS-CoV Spike glycoprotein; MERS-CoV S glycoprotein; MERS-CoV active protein

PRODUCT SPECIFICATIONS

Host	HEK293 cells
Purity/Purification	>95% as determined by reducing SDS-PAGE.
Form/Format	Supplied as a 0.2um filtered solution of PBS, pH7.4
Concentration	1.85 mg/ml (varies by lot)
Sequence	Tyr18-Lys1 294(R751S)
Species	MERS
Tag	C-6His
Endotoxin	Please contact us for more information.
Protein Construction	Recombinant MERS-CoV S-trimer Protein is produced by our Mammalian expression system and the target gene encoding Tyr18-Lys1294(R751S) is expressed with a 6His tag at the C-terminus.
Activity	Immobilized MERS-CoV S-trimer Protein (R751S)-His at 5ug/ml (100ul/well) can bind Human CD26-Fc , The ED50 of Human CD26-Fc is 27.16ng/ml.
Preparation and Storage	Store at < -20 degree C, stable for 6 months. Please minimize freeze-thaw cycles. This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs.Upon receipt, store it immediately at<-20 degree C.

ADDITIONAL INFORMATION

Related Product Information for MERS-CoV active protein	The spike (S) glycoprotein of coronaviruses contains protrusions that will only bind to certain receptors on the host cell. Known receptors bind S1 are ACE2, angiotensin-converting enzyme 2; DPP4, dipeptidyl peptidase-4; APN, aminopeptidase N; CEACAM, carcinoembryonic antigen-related cell adhesion molecule 1; Sia, sialic acid; O-ac Sia, O-acetylated sialic acid. The spike (S) glycoprotein of coronaviruses is known to be essential in the binding of the virus to the host cell at the advent of the infection process. The spike protein is a large type I transmembrane protein containing two subunits, S1 and S2. S1 mainly contains a receptor binding domain (RBD), which is responsible for recognizing the cell surface receptor. S2 contains basic elements needed for the membrane fusion.The S protein plays key parts in the induction of neutralizing-antibody and T-cell responses, as well as protective immunity.
Product Categories/Family for MERS-CoV active protein	Virus related Protein

NCBI AND UNIPROT INFORMATION

Molecular Weight	Mol. Mass: 145kDa AP Mol. Mass: 170-220kDa
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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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/hek293-cells-active-protein/mers-cov-s-trimer-protein/177996>