

Recombinant MERS-CoV (NCoV / Novel coronavirus) S Protein, His-tagged

Cat. No. S-603V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant receptor binding domain (RBD) of spike protein (Human betacoronavirus 2c EMC/2012)(AFS88936.1) (Glu367-Tyr606) was expressed with a polyhistidine tag at the C-terminus.
Species	MERS-CoV
Source	Insect Cells
ProteinLength	367-606 a.a.
Predicted N Terminal	Glu 367
Form	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 % glycerol, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant receptor binding domain (RBD) of spike protein (Human betacoronavirus 2c EMC/2012) consists 251 amino acids and predicts a molecular mass of 27.7 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>90 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.

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Storage

Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION**Gene Name**

S S protein [Middle East respiratory syndrome coronavirus]

Official Symbol

S

Synonyms

spike glycoprotein; S protein

Gene ID

14254594

mRNA Refseq**Protein Refseq****MIM****UniProt ID**

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