

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

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	MERS-CoV
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	367-606 a.a.
<b>Predicted N Terminal</b>	Glu 367
<b>Form</b>	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 % glycerol, pH 7.4, 5%~8% trehalose and mannitol.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	>90 % as determined by SDS-PAGE.
<b>Stability</b>	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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