

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

Cat. No. S-601V Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant spike protein S2 (Human betacoronavirus 2c EMC/2012)(AFS88936.1)(Asp726-Pro1296) was fused with a polyhistidine tag at the C-terminus.
Species	MERS-CoV
Source	Insect Cells
ProteinLength	726-1296 a.a.
Predicted N Terminal	Asp 726
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant spike protein S2 (Human betacoronavirus 2c EMC/2012) comprises 581 amino acids and has a predicted molecular mass of 63.7 kDa. It migrates as an approximately 66 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>85 % 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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