

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

Cat. No. S-605V Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant spike protein fragment (Human betacoronavirus 2c EMC/2012)(AFS88936.1) (Glu367-Tyr606) was fused with the Fc region of rabbit IgG at the C-terminus.
Species	MERS-CoV
Source	Insect Cells
ProteinLength	367-606 a.a.
Predicted N Terminal	Glu 367
Form	Lyophilized from sterile 100 mM Glycine, 10 mM NaCl, pH 7.2, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant spike protein fragment (Human betacoronavirus 2c EMC/2012) comprises 46.4 amino acids and has a predicted molecular mass of 51.5 kDa. It migrates as an approximately 54.3 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>80 % as determined by SDS-PAGE.

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Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
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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