

Recombinant MERS-CoV Spike protein, rFc-tagged

Cat. No. Spike-0415M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant MERS-CoV Spike protein(Glu367-Tyr606)(AFS88936.1), fused with rFc tag, was expressed in Insect Cells.
Species	MERS-CoV
Source	Insect Cells
ProteinLength	Glu367-Tyr606
Form	Lyophilized from sterile 100 mM Glycine, 10 mM NaCl, pH 7.2. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The recombinant receptor binding domain (RBD) of spike protein fragment MERS-CoV comprises 464 amino acids and has a predicted molecular mass of 51.5 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 80 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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