

Recombinant RSV F protein, His-tagged

Cat. No. F-702V Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human RSV Fusion glycoprotein (AAB59858.1) (Met 1-Thr 529) was expressed in Insect Cells, fused with a polyhistidine tag at the C-terminus.
Species	RSV
Source	Insect Cells
ProteinLength	1-529 aa
Form	Lyophilized from sterile 50mM Tris, 100mM NaCl, pH 8.0, 10% glycerol.
Molecular Mass	The secreted recombinant human RSV-F comprises 518 amino acids with a predicted molecular mass of 58 kDa. The RSV F0 precursor protein is cleaved into the disulfide-linked F1 and F2 subunits. As a result of glycosylation, the apparent molecular mass of the protein is approximately 45-55 kDa and 18 kDa in SDS-PAGE under reducing conditions, corresponding to the two subunits respectively.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities 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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