

Recombinant Human respiratory syncytial virus (RSV) (B, strain 18537) F protein(Met1-Asn524), His-tagged

Cat. No. F-3366V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human respiRatory syncytial virus (RSV) (B, strain 18537) Fusion glycoprotein F0 (P13843) (Met1-Asn524) was expressed in Insect Cells with a polyhistidine tag at the C-terminus.
Species	RSV
Source	Insect Cells
ProteinLength	Met1-Asn524
Form	Lyophilized from 20mM Tris, 300mM NaCl, 10% glycerol, pH7.5. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant Human respiratory syncytial virus (RSV) (B, strain 18537) Fusion glycoprotein F0 consists of 510 amino acids and predicts a molecular mass of 57.03 kDa. As a result of glycosylation, it migrates as an approximately 72.33 and 60.51 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

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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.

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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