

## Recombinant RSV F protein(Met1-Ile525), His-tagged

Cat. No. F-2406R Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human respiRatory syncytial virus (RSV) Fusion (AFX60213.1) (Met1-Ile525) was expressed in Insect Cells with a polyhistidine tag at the C-terminus.
<b>Species</b>	RSV
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	Met1-Ile525
<b>Form</b>	Lyophilized from sterile 20mM PB, pH 7.5, 300mM NaCl, 10% glycerol. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant Human respiratory syncytial virus (RSV) Fusion consists of 511 amino acids and predicts a molecular mass of 57.12 kDa.it migrates as an approximately 66.90 KDa and 57.90 KDa band in SDS-PAGE under non-reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 90% as determined by SDS-PAGE.
<b>Storage</b>	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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