

Active Recombinant Human respiratory syncytial virus A (strain A2) Pre-F0 protein, His-Avi-tagged, Biotinylated

Cat. No. Pre-F0-4803H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human respiratory syncytial virus A (strain A2) protein(Gln 26- Leu 513), fused with His and Avi tag, was expressed in HEK293.
Species	Human respiratory syncytial virus A
Source	HEK293
ProteinLength	Gln 26- Leu 513
Form	Lyophilized from 0.22 µm filtered solution in 0.1 M Sodium Citrate,0.15 M NaCl,pH5.5 with trehalose as protectant.
Bio-activity	Immobilized Anti-Fusion glycoprotein F0 Antibody, Human IgG1 (D25) at 5 µg/mL (100 µL/well) can bind Biotinylated Human respiratory syncytial virus A (strain A2) Pre-F0, His,Avitag(MALS verified) with a linear range of 0.1-8 ng/mL.Immobilized Anti-Fusion glycoprotein F0 Antibody, Mouse IgG2a (101F) at 5 µg/mL (100 µL/well) can bind Biotinylated Human respiratory syncytial virus A (strain A2) Pre-F0, His,Avitag(MALS verified) with a linear range of 0.2-16 ng/mL.Immobilized Recombinant Mouse Anti-RSV F Antibody (5C4) at 5 µg/mL (100 µL/well) can bind Biotinylated Human respiratory syncytial virus A (strain A2) Pre-F0, His,Avitag(MALS verified) with a linear range of 0.2-16 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag

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	(Avitag)The protein has a calculated MW of 57.8 kDa. The protein migrates as 65-67 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE. >90% as determined by SEC-MALS.
Storage	For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
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.
Conjugation	Biotin