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

Cat. No. Pre-F0-4804H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human respiratory syncytial virus A (strain A2) protein, fused with His tag, was expressed in HEK293.
Species	Human respiratory syncytial virus A
Source	HEK293
Form	Lyophilized from 0.22 μm filtered solution in PBS with trehalose as protectant.
Bio-activity	Immobilized HRSV (A) Fusion glycoprotein F0, His Tag at 2 μg/mL (100 μL/well) can bind Anti-Fusion glycoprotein F0 Antibody, Human IgG1 (D25) with a linear range of 0.2-1 ng/mL.Immobilized HRSV (A) Fusion glycoprotein F0, His Tag at 2 μg/mL (100 μL/well) can bind Anti-Fusion glycoprotein F0 Antibody, Mouse IgG2a (101F) with a linear range of 0.2-5 ng/mL.Immobilized Anti-Fusion glycoprotein F0 Antibody, Human IgG1 (D25) at 2 μg/mL (100 μL/well) can bind HRSV (A) Fusion glycoprotein F0, His Tag with a linear range of 0.2-2 ng/mL.Immobilized Anti-Fusion glycoprotein F0 Antibody, Mouse IgG2a (101F) at 2 μg/mL (100 μL/well) can bind HRSV (A) Fusion glycoprotein F0, His Tag with a linear range of 0.1-13 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminusThe protein has a calculated MW of 56.1 kDa. The protein migrates as 60-65 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

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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	After reconstitution, this product is stable after at -70°C for 3 months.Please avoid repeated freeze-thaw cycles. This product is stable after at: For long term, the product is stable for up to 3 years at -70°C from date of receipt; For short term, the product is stable for up to 12 months at 2-8°C from date of receipt.
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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