

## 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

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human respiratory syncytial virus A (strain A2) protein, fused with His tag, was expressed in HEK293.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Species</b>          | Human respiratory syncytial virus A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Form</b>             | Lyophilized from 0.22 µm filtered solution in PBS with trehalose as protectant.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Bio-activity</b>     | 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. |
| <b>Molecular Mass</b>   | This protein carries a polyhistidine tag at the C-terminus. The 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                       |                                                                                                                                                                                                                                                                                                                                     |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Endotoxin</b>      | Less than 1.0 EU per µg by the LAL method.                                                                                                                                                                                                                                                                                          |
| <b>Purity</b>         | >95% as determined by SDS-PAGE. >90% as determined by SEC-MALS.                                                                                                                                                                                                                                                                     |
| <b>Storage</b>        | 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. |
| <b>Reconstitution</b> | 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.                                                                                                                                                       |

 Tel: 1-631-559-9269 1-516-512-3133 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA