

# Recombinant Human respiratory syncytial virus A F protein, His-B2M-tagged

**Cat. No.** F-4108H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human respiratory syncytial virus A F protein(P03420 )(27-529aa), fused to N-terminal His-B2M tag, was expressed in E. coli.                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Species</b>          | Human respiratory syncytial virus A                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>ProteinLength</b>    | 27-529aa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.<br>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.                                                                                                                                                                                                                                                                     |
| <b>Molecular Mass</b>   | 69.9 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>AA Sequence</b>      | NITEEFYQSTCSAVSKGYLSALRTGWYTSVITIELSNIKENKCNGTDAKVKLIKQELDK<br>YKNAVTELQLMQSTPPTNNRARELPRFMNYTLNNAKKTNVTLSKKRKRFLGFL<br>GVGSAIASGVAVSKVLHLEGEVNIKSALLSTNKAVVSLNGVSVLTSTKVLDLKNYID<br>KQLLPVINKQSCSISNIETVIEFQQKNNRLLITREFSVNAGVTTTPVSTYMLTNSSELLSL<br>INDMPITNDQKKLMSNNVQIVRQQSYSIMSIIKEEVLAYVVQLPLYGVIDTPCWKLHTS<br>PLCTTNTKEGSNICLTRTDRGWYCDNAGSVSFFPQAETCKVQSNRVFCDTMNSLTL<br>PSEINLCNVDIFNPKYDCKIMTSKTDVSSSVITSLGAIVSCYGKTKCTASNKNRGIKTF<br>SNGCDYVSNKGMDTVSVGNTLYYVKNQEGKSLYVKGEPIINFYDPLVFPSDEFDASI |

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SQVNEKINQSLAFIRKSDELLHNVNAGKSTTNIMITT

**Purity**

Greater than 90% as determined by SDS-PAGE.

**Storage**

Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.

**Reconstitution**

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

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