

# Recombinant Influenza A virus HA protein, His-SUMO-tagged

**Cat. No.** HA-4115I **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                          |
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| <b>Product Overview</b> | Recombinant Influenza A virus HA protein(P04664)(1-328aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.                                                                                                                                                                                                                                                                   |
| <b>Species</b>          | Influenza A virus                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>ProteinLength</b>    | 1-328aa                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Form</b>             | <p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>                                                                                                                                         |
| <b>Molecular Mass</b>   | 52.1 kDa                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>AA Sequence</b>      | <p>QDLPGNDNSTATLCLGHHAVPNGTLVKITITNDQIEVTNATELVQSSSTGKICNNPHRI</p> <p>LDGINCTLIDALLGDPHCDVFQDETWDLFVERSKAFSNCYPYDVPDYASLRSLVASS</p> <p>GTLEFITEGFTWTGVTQNGGSNACKRGPDSGFFSRLNWLTKSGSTYPVLNVTMPN</p> <p>NDNFDKLYIWGVHHPSTNQEQTSLYVQASGRVTVSTRRSQQTIIPNIGSRPWVRGL</p> <p>SSRSIYWTVIVKPGDVLVINSNGNLIAPRGYFKMRTGKSSIMRSDAPIDTCISECITPNG</p> <p>SIPNDKPFQNVNKITYGACPKYVKQNTLKLATGMRNVPEKQT</p> |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                              |

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**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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