

## Recombinant Influenza Hemagglutinin (H7 Anhui) Full-Length Glycoprotein (rHA GP)

**Catalog #:** 1502-001

**Lot #:** 1601008

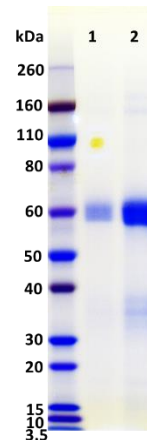
**Description:** Recombinant, Influenza Hemagglutinin Full-Length Glycoprotein (rHA GP) from virus strain A/Anhui/1/2013 (H7N9). Recombinant HA is supplied as an affinity purified protein. rHA is produced in Sf9 insect cells using baculovirus for expression and is purified by FPLC.

**Storage:** 2-3 weeks at -20°C, -80°C long term

**Size:** 50µg of protein is supplied at a concentration of 0.292 mg/mL (by BCA) in 20 mM Tris pH 7.4, 150 mM NaCl and 0.01% non-ionic surfactant. The theoretical molecular weight of the protein is ~62 kDa, without glycosylation. Because of the highly glycosylated nature of this protein, migration in an SDS-PAGE gel is slowed resulting in broad, diffuse bands representing differing glycosylation forms.

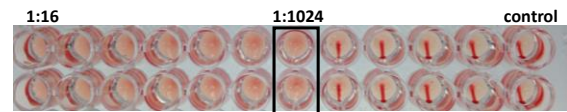
**Relevance:** Recombinant hemagglutinin glycoprotein provides a control protein for immunoassays and a tool to enhance Orthomyxovirus research.

### SDS-PAGE



SDS-PAGE and stain demonstrating 1 µg and 5 µg (lanes 1 and 2, respectively) of rHA protein under denaturing and reducing conditions.

### Hemagglutination with Turkey Red Blood Cells: HA Titer 1:1024



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