

4 Research Court, Suite 300 Rockville, MD 20850 877-411-2041 Services@ibtbioservices.com

Recombinant Influenza Hemagglutinin (H10N8) (A/Jiangxi-Donghu/346/2013)

Catalog #: 1505-001

Lot #: 1503003

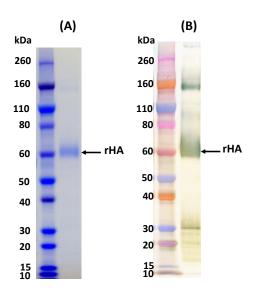
Description: Recombinant, full-length influenza hemagglutinin from virus strain A/Jiangxi-Donghu/346/2013 (H10N8). Recombinant hemagglutinin (rHA) is supplied as an affinity purified protein. rHA is produced in Sf9 insect cells using baculovirus for expression and is purified by FPLC.

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

Size: 50 μ g of protein is supplied at a concentration of 0.310 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 \sim 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 and Western Blot Detection



(A) SDS-PAGE of rHA under reduced condition: 1 μg . (B) Western blot detection of rHA at 100 ng, using an anti-HA (H10N3) polyclonal antibody at 0.5 $\mu g/mL$ and an anti-rabbit IgG-HRP conjugate, followed by TMB membrane substrate.

Hemagglutination using Turkey Red Blood Cells: HA Titer = 1:1024

1:16 1:1024 Control

For additional influenza products, please visit: http://ibtbioservices.com/index.php/product-and-reagents/influenza-products

Intended for research use only. Not for human, therapeutic, or diagnostic applications.

The buyer cannot sell or otherwise transfer this product for Commercial Purposes without written approval of Integrated BioTherapeutics, Inc.