

Active Recombinant Influenza A H7N2 (A/ruddy turnstone/New Jersey/563/2006) HA protein, His-tagged

Cat. No. HA-0370H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Influenza A H7N2 (A/ruddy turnstone/New Jersey/563/2006) HA protein(Met1-Asp523)(ACS68445.1), fused with His tag, was expressed in Insect Cells.
Species	Influenza A H7N2 (A/ruddy turnstone/New Jersey/563/2006)
Source	Insect Cells
ProteinLength	Met1-Asp523
Form	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 % glycerol, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Measured by its ability to agglutinate guinea pig red blood cells. HA titer is 0.1-0.6 µg/mL for 1% GRBC.
Molecular Mass	The recombinant hemagglutinin of Influenza A virus (A/ruddy turnstone/New Jersey/563/2006(H7N2)) comprises 516 amino acids and has a predicted molecular mass of 57.7 kDa. The apparent molecular mass of the protein is approximately 59.6 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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



Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	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.

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