

Recombinant Influenza A H5N1 (A/Egypt/2321-NAMRU3/2007) HA protein(Met1-Gln531), His-tagged

Cat. No. HA-3292V Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Influenza A H5N1 Hemagglutinin (A/Egypt/2321-NAMRU3/2007) (ABP96850.1) (Met 1-Gln 531)(HA1+HA2, uncleaved, with the cleavage site mutated (RRRKR-TETR) was expressed in HEK293, fused with a C-terminal polyhistidine tag.
Species	H5N1
Source	HEK293
ProteinLength	Met1-Gln531
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The secreted recombinant influenza A H5N1 HA (A/Egypt/2321-NAMRU3/2007 (H5N1)) comprises 524 amino acids and has a predicted molecular mass of 60 kDa. As a result of glycosylation, it migrates as an approximately 65-80 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 97 % 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

 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

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.

 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