

# Recombinant H5N1 (A/turkey/Turkey/1/2005) HA Protein, His-tagged

Cat. No. HA-736I Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant H5N1 (A/turkey/Turkey/1/2005) HA Protein(Met 1-Gln 531) with cleavage site mutated (GERRRKKR → TETR, HA1+HA2, uncleaved) was expressed in HEK293 with a C-terminal polyhistidine tag.
<b>Species</b>	H5N1
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-531 aa
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4.
<b>Molecular Mass</b>	The secreted recombinant Influenza A virus (A//Turkey/1/2005 (H5N1) HA (mutated) comprises 522 amino acids with the predicted molecular mass of 59 kDa. As a result of glycosylation, it migrates as an approximately 65-70 kDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

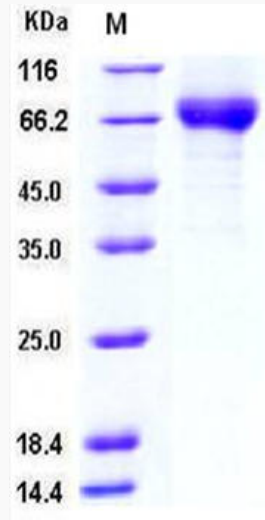
 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

**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.

**SDS-PAGE**

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