

Recombinant H5N1(A/Vietnam/1194/2004) HA Protein, His-tagged

Cat. No. HA-737I **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant H5N1(A/Vietnam/1194/2004) HA Protein(AAT73273.1)(Met 1-Gln 531) with cleavage site mutated (RERRRKRR →TETR, HA1+HA2, uncleaved) was expressed in HEK293 with a C-terminal polyhistidine tag.
Species	H5N1
Source	HEK293
ProteinLength	1-531 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The secreted recombinant Influenza A virus ((A/VietNam/1194/2004 (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 70-80 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Storage	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  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.

 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