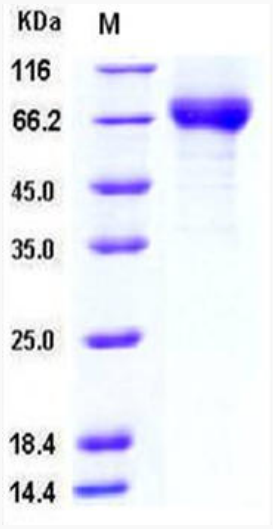
Recombinant H5N1 (A/turkey/Turkey/1/2005) HA Protein, His-tagged

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

SPECIFICATION

Product Overview	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.
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//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.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 95 % 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.

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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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