

Active Recombinant H5N1 (A/Indonesia/5/2005) HA protein, His-tagged

Cat. No. HA-740I Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant H5N1 (A/Indonesia/5/2005) HA protein(ABW06108.1) hemagglutinin (Met 1-Gln 531) (Native, HA1+HA2, cleaved) 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.
Bio-activity	Measured by its ability to agglutinate guinea pig red blood cells. HA titer is 0.3-1.5 µg/mL for 1% GRBC. It also agglutinates chick red blood cells.
Molecular Mass	The secreted recombinant hemagglutinin of Influenza A virus H5N1 (A/Indonesia/5/2005) comprises 526 amino acids with the predicted molecular mass of 60 kDa. As a result of glycosylation, it migrates as an approximately 65-70 kDa band in Non-reduced SDS-PAGE, and three bands (25, 45, 70 kDa) in reduced SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE

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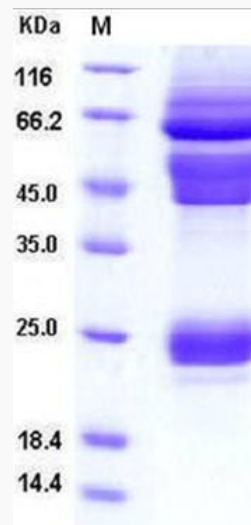
 45-1 Ramsey Road, Shirley, NY 11967, USA

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.

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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