Recombinant H5N1 HA protein(Met1-Glu340), His-tagged

Cat. No. HA-597V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant influenza A hemagglutinin H5N1 (A/duck/Laos/3295/2006 (H5N1)) (ABG67978.1)(Met 1-Glu 340), termed as HA1, was expressed in HEK293, fused with a C-terminal polyhistidine tag.
Species	H5N1
Source	HEK293
ProteinLength	1-340 a.a.
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 HA1 subunit influenza A H5N1 (A/duck/Laos/3295/2006 (H5N1)) HA comprises 335 amino acids and has a predicted molecular mass of 38 kDa. As a result of glycosylation, the apparent molecular mass of the protein is approximately 50-55 kDa 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 be aliquoted 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.

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