Recombinant Influenza A H10N3 (A/duck/Hong Kong/786/1979) HA protein(Met1-Ile525), His-tagged

Cat. No. HA-3283V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Influenza A H10N3 hemagglutinin (A/duck/Hong Kong/786/1979 (H10N3)) (BAF46762.1)(Met 1-Ile 525) (HA1+HA2, uncleaved) was expressed in HEK293, fused with a C-terminal polyhistidine tag.
Species	H10N3
Source	HEK293
ProteinLength	Met1-Ile525
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 influenza A H10N3 HA (A/duck/Hong Kong/786/1979 (H10N3)) comprises 519 amino acids and has a predicted molecular mass of 57.8 kDa. As a result of glycosylation, it migrates as an approximately 60-65 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	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

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	be aliquoted 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.

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