

Recombinant Influenza A H5N1 (A/Hubei/1/2010) NA protein(His36-Lys448), His-tagged

Cat. No. NA-1076V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Influenza A H5N1 virus (A/Hubei/1/2010(H5N1)) neuraminidase (AEO89183.1) (His36-Lys448) was expressed in HEK293, fused with a polyhistidine tag at the N-terminus.
Species	H5N1
Source	HEK293
ProteinLength	His36-Lys448
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 recombinant influenza H5N1 virus neuraminidase (A/Hubei/2010 (H5N1)) comprises 433 amino acids and has a predicted molecular mass of 47.9 kDa. The apparent molecular mass of the recombinant protein is approximately 52 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 92 % 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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