Recombinant Influenza A H5N1 (A/Thailand/1(KAN-1)/2004) NA protein(His36-Ile469), His-tagged, Biotinylated

Cat. No. NA-1072V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Influenza A virus (A/Thailand/1(KAN-1)/2004(H5N1)) neuraminidase (His36-Ile469), termed as NA, was expressed in HEK293, fused with a N-terminal polyhistidine tag.
Species	H5N1
Source	HEK293
ProteinLength	His36-Ile469
Conjugation/Label	Biotin
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 NA subunit of influenza A H5N1 (A/Thailand/1(KAN-1)/2004(H5N1)) comprises 433 amino acids and has a predicted molecular mass of 47.6 kDa. It migra tes as an approximately 55 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg protein as determined by the LAL method.
Purity	> 65 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

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	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.
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.
Conjugation	Biotin

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