

Recombinant H5N1 (A/Thailand/1(KAN-1)/2004) NA Protein, His-tagged

Cat. No. NA-596V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant influenza A virus (A/Thailand/1(KAN-1)/2004(H5N1)) neuraminidase (His36-Ile469), termed as NA, was fused with a N-terminal polyhistidine tag. The expressed protein was biotinylated in vitro.
Species	H5N1
Source	HEK293
ProteinLength	36-469 a.a.
Predicted N Terminal	His
Form	Lyophilized from sterile PBS , pH 7.4, 5%~8% trehalose and mannitol.
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 migrates as an approximately 55 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>65 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.

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Storage

Store it under sterile conditions at -20°C~-70°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 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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