

Recombinant Influenza A H5N1 (A/Anhui/1/2005) NA protein(His36-Lys449), His-tagged

Cat. No. NA-1063V Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Influenza A virus (A/Anhui/1/2005 (H5N1)) neuraminidase (ABU94738.1) (His36-Lys449) was expressed in Insect Cells with a vasodilator-stimulated phosphoprotein tetramerization domain at the N-terminus and a polyhistidine tag at the C-terminus.
Species	H5N1
Source	Insect Cells
ProteinLength	His36-Lys449
Form	Lyophilized from sterile 20 mM Tris, 150 mM NaCl, 10 % glycerol, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant Influenza A virus (A/Anhui/1/2005 (H5N1)) NA consists of 460 amino acids and predicts a molecular mass of 51.1 kDa.
Endotoxin	< 1.0 EU per µg 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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