

Recombinant H3N2 NA protein(Ile30-Ile469), His-tagged

Cat. No. NA-566H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Influenza A virus (A/Kansas/14/2017 (H3N2)) neuraminidase (AVG71505.1) (Ile30-Ile469) 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	H3N2
Source	Insect Cells
ProteinLength	Ile30-Ile469
Form	Lyophilized from sterile 20 mM Tris, 300 mM NaCl, pH 8.5, 10 % glycerol. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant Influenza A virus (A/Kansas/14/2017 (H3N2)) NA consists of 486 amino acids and predicts a molecular mass of 54.6 kDa, it migrates as an approximately 56.5 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 90 % 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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