

Recombinant Influenza A H1N1 (A/Michigan/45/2015) NA Protein, His-tagged

Cat. No. NA-225H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Influenza A virus (A/Michigan/45/2015 (H1N1pdm09)) neuraminidase (translated amino acids of EPI859652) (His36-Lys469), fused with a vasodilator-stimulated phosphoprotein tetramerization domain at the N-terminus and a polyhistidine tag at the C-terminus, was expressed in Baculovirus-Insect Cells.
Species	H1N1
Source	Insect Cells
ProteinLength	36-469 a.a.
Predicted N Terminal	Asp
Form	Lyophilized from sterile 20 mM Tris, 150 mM NaCl, 10 % glycerol, pH 7.5, 5% trehalose, 5% mannitol and 0.01% Tween80.
Molecular Mass	The recombinant Influenza A virus (A/Michigan/45/2015 (H1N1pdm09)) NA consists of 480 amino acids and predicts a molecular mass of 53.6 kDa.
Endotoxin	< 1.0 EU per µg of the 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.

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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 0.25 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.

Shipping

In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

GENE INFORMATION**Official Symbol**

NA

Synonyms

NA; Neuraminidase

Protein Refseq

EPI859652

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