

Recombinant Influenza A H1N1 (A/swine/Canada/01093/2006) NA protein(His36-Lys469), His-tagged

Cat. No. NA-3357V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Influenza A H1N1 (A/swine/Canada/01093/2006) Neuraminidase (AKM14549) (Met1-Gln430) was expressed in Insect Cells with a vasodilator-stimulated phosphoprotein tetramerization domain at the N-terminus and polyhistidine tag at the C-terminus.
Species	H1N1
Source	Insect Cells
ProteinLength	His36-Lys469
Form	Lyophilized from sterile 20mM Tris, 150mM NaCl, 10% glycerol, pH 7.5. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant Influenza A H1N1 (A/swine/Canada/01093/2006) Neuraminidase consists of 480 amino acids and predicts a molecular mass of 53.64 kDa. It migrates as an approximately 57.17 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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA