

Recombinant H1N1 NA, His-tagged

Cat. No. NA-421H Lot. No. (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the Influenza A virus (A/USSR/90/1977 (H1N1)) neuraminidase (P03469.2) (His36-Lys470) was expressed with a N-terminal polyhistidine tag.
Species	H1N1
Source	Human Cells
ProteinLength	His36-Lys470
Form	Lyophilized from sterile PBS, pH7.4.
Molecular Mass	The recombinant neuraminidase of Influenza A virus (A/USSR/90/1977 (H1N1)) comprises 454 amino acids and has a predicted molecular mass of 50.4 kDa. The apparent molecular mass of the protein is approximately 76.6 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>80 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70°C
Storage	Store it under sterile conditions at -70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

 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

Reconstitution Hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name [NA?neuraminidase \[?Influenza A virus \(A/Puerto Rico/8/1934\(H1N1\)\)?\]](#)

Official Symbol NA

Synonyms NA; neuraminidase

Gene ID [956530](#)

Protein Refseq [NP_040981](#)

**Chromosome
Location** segment: segment 6

Pathway Assembly of Viral Components at the Budding Site; Entry of Influenza Virion into Host Cell via Endocytosis; Fusion and Uncoating of the Influenza Virion

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