

# H1N1 Neuraminidase (His Tag) recombinant protein



Catalog Number: 504504

## General Information

### Protein Construction

A DNA sequence encoding the Influenza A virus (A/USSR/90/77 (H1N1)) neuraminidase (P03469.2) (His36-Lys470) was expressed with a N-terminal polyhistidine tag.

### Organism

H1N1

### Expression Host

Human Cells

## QC Testing

### Purity

> 80 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal

His

### 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.

### Formulation

Lyophilized from sterile PBS, pH 7.4.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

### Storage

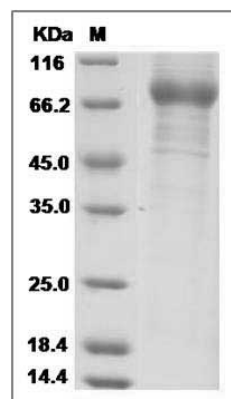
Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ .

It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Influenza A H1N1 (A/USSR/90/1977)  
Neuraminidase / NA (His Tag) SDS-PAGE