

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 μg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°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

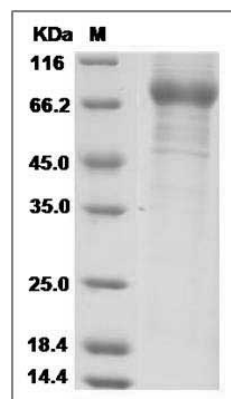
Store it under sterile conditions at -20°C to -80°C .

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