

# H3N2 Neuraminidase (His Tag) recombinant protein



Catalog Number: 504286

## General Information

### Protein Construction

A DNA sequence encoding the Influenza A H3N2 virus (A/Babol/36/2005) Neuraminidase (ACN50232.1) (His 36-Pro 459) was fused with a polyhistidine tag at the N-terminus.

### Organism

H3N2

### Expression Host

Human Cells

## QC Testing

### Purity

> 90 % 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 influenza H3N2 virus neuraminidase (A/Babol/36/2005 (H3N2)) comprises 443 amino acids and has a predicted

molecular mass of 49.6 kDa. The apparent molecular mass of the recombinant protein is approximately 80 kDa in SDS-PAGE under reducing conditions due to glycosylation.

### 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

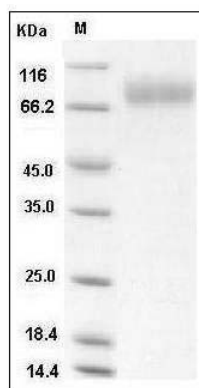
### Storage

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 H3N2 (A/Babol/36/2005) Neuraminidase / NA (His Tag) SDS-PAGE