H5N1 Neuraminidase (His Tag) recombinant protein

Catalog Number: 501216

General Information

Protein Construction

A DNA sequence encoding the Influenza A H5N1 virus (A/Hubei/1/2010(H5N1)) neuraminidase (AEO89183.1) (His36-Lys448) was fused with a polyhistidine tag at the N-terminus.

Organism

H5N1

Expression Host

Human Cells

QC Testing

Purity

> 92 % 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℃

Predicted N terminal

His

Molecular Mass

The recombinant influenza H5N1 virus neuraminidase (A/Hubei/2011 (H5N1)) comprises 433 amino acids and has a predicted molecular mass of 47.9 kDa. The apparent molecular mass of the recombinant protein is approximately 52 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

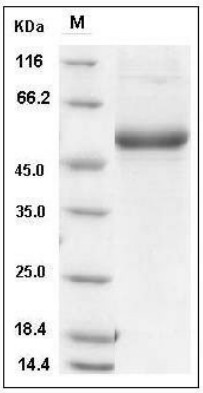
Storage

Store it under sterile conditions at -20℃ to -80℃. 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 H5N1 (A/Hubei/2011) Neuraminidase / NA (Active) (His Tag) SDS-PAGE