H4N6 Neuraminidase (His Tag) recombinant protein

Catalog Number: 500100

General Information

Protein Construction

A DNA sequence encoding the Influenza A virus (A/mallard/Ohio/657/2002(H4N6)) neuraminidase (ABI47998.1) (His36-Lys470) was expressed with a polyhistidine tag at the N-terminus.

Organism

H4N6

Expression Host

Baculovirus-Insect Cells

QC Testing

Purity

> 95 % as determined by SDS-PAGE.

Endotoxin

< 1.0 EU per μg 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 neuraminidase of Influenza A virus (A/mallard/Ohio/657/2002(H4N6)) consists of 451 amino acids and predicts a molecular mass of 50.2 kDa.

Formulation

Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 %glycerol, pH 8.0.
1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

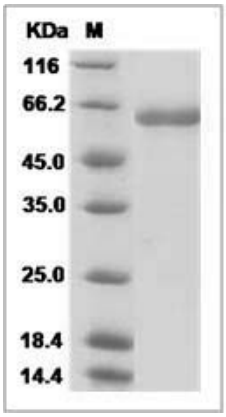
Storage

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 H4N6 (A/mallard/Ohio/657/2002) Neuraminidase / NA Protein (His Tag)