H5N1 Neuraminidase (His Tag) recombinant protein

Catalog Number: 504369

General Information

Protein Construction

A DNA sequence encoding the influenza A virus (A/Thailand/1(KAN-1)/2004(H5N1)) neuraminidase (His36-Ile469), termed as NA, was fused with a N-terminal polyhistidine tag. The expressed protein was biotinylated in vitro.

Organism

H5N1

Expression Host

Human Cells

QC Testing

Purity

> 65 % 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 NA subunit of influenza A H5N1 (A/Thailand/1(KAN-1)/2004(H5N1)) comprises 433 amino acids and has a predicted molecular mass of 47.6 kDa. It migrates as an approximately 55 kDa band 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

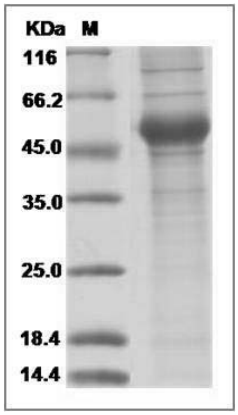
Storage

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/Thailand/1(KAN-1)/2004) Neuraminidase / NA Protein (His Tag), Biotinylated