# H10N8 Neuraminidase (His Tag) recombinant protein

Catalog Number: 502083



### **General Information**

#### **Protein Construction**

A DNA sequence encoding the Influenza A virus (A/duck/Guangdong/E1/2012(H10N8)) Neuraminidase (AFJ19054.1) (Gly38-Gly470) was expressed with a polyhistidine tag at the N-terminus.

# **Organism**

H10N8

# **Expression Host**

**Baculovirus-Insect Cells** 

# **QC Testing**

## **Purity**

> 95 % as determined by SDS-PAGE.

## **Endotoxin**

< 1.0 EU per  $\mu g$  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/duck/Guangdong/E1/2012(H10N8))

consists 449 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**

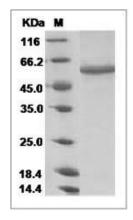
## **Storage**

Store it under sterile conditions at -20°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 H10N8 (A/duck/Guangdong/E1/2012) Neuraminidase / NA Protein (His Tag)