Catalog Number: 500447



# **General Information**

## **Protein Construction**

A DNA sequence encoding the Influenza A virus (A/thick-billed murre/Newfoundland/031/2007(H11N2)) hemagglutinin (ADD21478.1) (Met1-Lys528), termed as HA, was expressed with a polyhistidine tag at the C-terminus.

#### Organism

H11N2

#### **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  $^{\circ}\mathrm{C}$ 

# **Predicted N terminal**

Asp 17

# **Molecular Mass**

The recombinant hemagglutinin of Influenza A virus (A/thick-billed

murre/Newfoundland/031/2007(H11N2)) consists 523 amino acids and predicts a molecular mass of 58.7 kDa.

## Formulation

Lyophilized from sterile 20 mM Tris, 500 mM NaCl, pH 7.4, 10 % glycerol. 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

KDa	м	
116		
66.2		8
45.0	-	
35.0	-	
25.0	-	
18.4	-	
14.4	-	

Influenza A H11N2 (A/thick-billed murre/Newfoundland/031/2007) Hemagglutinin / HA Protein (His Tag)