Catalog Number: 504227



# **General Information**

### **Protein Construction**

A DNA sequence encoding the extracellular domain (Met 1-Lys 529) of the influenza hemagglutinin (A/black-headed gull/Sweden/5/99 (H16N3)) (AAV91217.1) (HA1+HA2, uncleaved) was expressed, fused with a C-terminal polyhistidine tag.

#### Organism

H16N3

## **Expression Host**

Human Cells

# QC Testing

## **Purity**

> 97 % 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°C

# **Predicted N terminal**

Asp 20

# **Molecular Mass**

The secreted recombinant influenza A H16N3 HA (A/black-headed gull/Sweden/5/99 (H16N3)) comprises 521 amino acids and has a predicted

molecular mass of 58.6 kDa. As a result of glycosylation, the apparent molecular mass of the protein is approximately 65 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°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	-	-	6
45.0	-		
35.0	-		
25.0			
18.4	-	÷	
14.4	-		

Influenza A H16N3 (A/black-headed gull/Sweden/5/99) Hemagglutinin / HA Protein (His Tag) SDS-PAGE