

# Influenza B HA (His Tag) recombinant protein



Catalog Number: 503900

## General Information

### Protein Construction

A DNA sequence encoding the influenza B virus hemagglutinin (B/Malaysia/2506/2004) (ACO05957.1) (Met 1-Ala 556), termed as HA (HA1+HA2, uncleaved), was fused with a C-terminal polyhistidine tag.

### Organism

Influenza B

### Expression Host

Baculovirus-Insect Cells

## QC Testing

### Activity

Measured by its ability to agglutinate guinea pig red blood cells.

HA titer is 0.005-0.02 $\mu$ g/mL for 1%GRBC

### Purity

> 80 % 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

Asp 16

## Molecular Mass

The recombinant influenza B virus hemagglutinin (B/Malaysia/2506/2004) HA consists 552 amino acids and predicts a molecular mass of 60 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

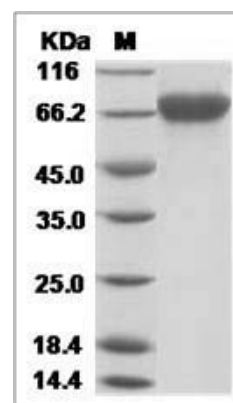
### Storage

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 B (B/Malaysia/2506/2004)  
Hemagglutinin / HA Protein (His Tag)