

## General Information

### Protein Construction

A DNA sequence encoding the C-terminal fragment (Gly 362-Ala 555) of influenza B virus (B/Florida/4/2006) (ACA33493.1) hemagglutinin, termed as HA2, was fused with the Fc region of mouse IgG1 at the N-terminus.

### Organism

Influenza B

### Expression Host

Human Cells

## QC Testing

### Purity

> 95 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal

Asp

### Molecular Mass

The recombinant Influenza B virus (B/Florida/4/2006) HA2/mFc is a disulfide-linked homodimeric protein. The reduced monomer

comprises 430 amino acids with the predicted molecular mass of 47.6 kDa. As a result of glycosylation, it migrates as an approximately 60 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

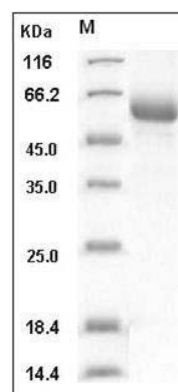
Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ .

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/Florida/4/2006) Hemagglutinin Protein (HA2 Subunit) (Fc Tag) SDS-PAGE