

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 human 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 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

Glu

Molecular Mass

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

comprises 452 amino acids with the predicted molecular mass of 49.3 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

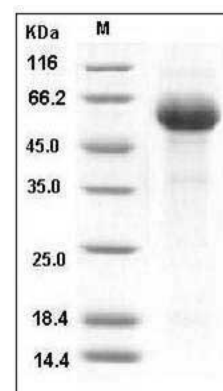
Storage

Store it under sterile conditions at -20°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/Florida/4/2006) Hemagglutinin Protein (HA2 Subunit) (Fc Tag) SDS-PAGE