

# Influenza B HA (B/Massachusetts/03/2010) recombinant protein



Catalog Number: 501431

## General Information

### Protein Construction

A DNA sequence encoding the full length of Influenza B virus (B/Massachusetts/03/2010) hemagglutinin (AGB07680.1) (Met1-Leu585), termed as HA, was expressed.

### Organism

Influenza B

### Expression Host

Baculovirus-Insect Cells

## QC Testing

### Purity

> 90 % as determined by SDS-PAGE.

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  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 16

### Molecular Mass

The recombinant hemagglutinin of the Influenza B virus (B/Massachusetts/03/2010) consists 570

amino acids and predicts a molecular mass of 61.7 kDa.

### Formulation

Lyophilized from sterile 20 mM Tris, 150 mM NaCl, pH 7.5, 5 % glycerol.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

## Usage Guide

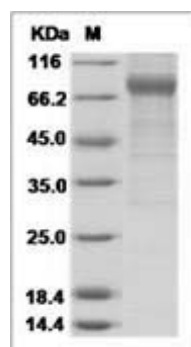
### Storage

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



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Hemagglutinin / HA0 Protein