

Active Recombinant Influenza B (B/Massachusetts/03/2010) HA Protein, His-tagged

Cat. No. HA-713V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Influenza B virus (B/Massachusetts/03/2010) hemagglutinin (AGB07680.1) (Met1-Thr548), termed as HA, was expressed with a polyhistidine tag at the C-terminus.
Species	Influenza B
Source	Insect Cells
ProteinLength	1-548 a.a.
Predicted N Terminal	Asp 16
Form	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, pH 7.0, 10 % glycerol, 5%~8% trehalose and mannitol.
Bio-activity	Measured by its ability to agglutinate guinea pig red blood cells. HA titer is 0.01-0.05µg/mL for 1% GRBC.
Molecular Mass	The recombinant hemagglutinin of Influenza B virus (B/Massachusetts/03/2010) consists 544 amino acids and predicts a molecular mass of 59.1 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA