

Recombinant Influenza B (B/PHUKET/3073/2013) HA protein(Met1-Thr547), His-tagged

Cat. No. HA-2433I Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Influenza virus B (B/PHUKET/3073/2013) hemagglutinin (translated amino acids of EPI529345) (Met1-Thr547), termed as HA, was expressed in Insect Cells with a polyhistidine tag at the C-terminus.
Species	Influenza B
Source	Insect Cells
ProteinLength	Met1-Thr547
Form	Lyophilized from sterile 20 mM PB, pH 7.0, 500 mM NaCl, 10 % glycerol. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its ability to agglutinate guinea pig red blood cells. HA titer is 0.5-5 µg/mL for 1%GRBC.
Molecular Mass	The recombinant hemagglutinin of Influenza virus B (B/PHUKET/3073/2013) consists of 543 amino acids and predicts a molecular mass of 59.1 kDa.
Endotoxin	< 1.0 EU per µg 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

Storage

Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. 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

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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