

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

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Influenza B
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	Met1-Thr547
<b>Form</b>	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.
<b>Bio-activity</b>	Measured by its ability to agglutinate guinea pig red blood cells. HA titer is 0.5-5 µg/mL for 1%GRBC.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE.

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**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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