

## Recombinant Influenza B (B/PHUKET/3073/2013) HA Protein, His-tagged

**Cat. No.** HA-819V    **Lot. No.** (See product label)

### SPECIFICATION

|                             |                                                                                                                                                                                                 |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant Influenza B virus ((B/PHUKET/3073/2013) hemagglutinin (Translated amino acids of EPI529345) (Met1-Arg361), termed as HA1, was expressed with a polyhistidine tag at the C-terminus. |
| <b>Species</b>              | Influenza B                                                                                                                                                                                     |
| <b>Source</b>               | HEK293                                                                                                                                                                                          |
| <b>ProteinLength</b>        | 1-361 a.a.                                                                                                                                                                                      |
| <b>Predicted N Terminal</b> | Asp 17                                                                                                                                                                                          |
| <b>Form</b>                 | Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.                                                                                                                             |
| <b>Molecular Mass</b>       | The recombinant HA1 subunit of the Influenza B virus ((B/PHUKET/3073/2013) hemagglutinin consists of 357 amino acids and predicts a molecular mass of 39.1 kDa.                                 |
| <b>Endotoxin</b>            | < 1.0 EU per µg of the protein as determined by the LAL method.                                                                                                                                 |
| <b>Purity</b>               | >95 % as determined by SDS-PAGE.                                                                                                                                                                |
| <b>Stability</b>            | Samples are stable for up to twelve months from date of receipt at -70°C.                                                                                                                       |

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**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.

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