

# Recombinant Influenza B (B/Washington/02/2019) NA protein, His-tagged

**Cat. No.** NA-0404I    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                        |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Influenza B (B/Washington/02/2019) NA protein(Leu32-Leu466)(EPI1394969), fused with His tag, was expressed in Insect Cells.                                                                                                                                                                                |
| <b>Species</b>          | Influenza B (B/Washington/02/2019)                                                                                                                                                                                                                                                                                     |
| <b>Source</b>           | Insect Cells                                                                                                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | Leu32-Leu466                                                                                                                                                                                                                                                                                                           |
| <b>Form</b>             | Lyophilized from sterile 20 mM Tris, 150 mM NaCl, 10 % glycerol, pH 7.5. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA. |
| <b>Molecular Mass</b>   | The recombinant Influenza B virus (B/Washington/02/2019) NA consists of 481 amino acids and predicts a molecular mass of 53.6 kDa. It migrates as an approximately 59.5 kDa band in SDS-PAGE under reducing conditions.                                                                                                |
| <b>Endotoxin</b>        | < 1.0 EU per µg protein as determined by the LAL method.                                                                                                                                                                                                                                                               |
| <b>Purity</b>           | > 90 % as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                      |
| <b>Storage</b>          | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C<br>Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein                                                                                                                                           |

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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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