

## Recombinant Influenza A H3N2 (A/Darwin/6/2021) NA protein, His-tagged

**Cat. No.** NA-0400H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                       |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Influenza A H3N2 (A/Darwin/6/2021) NA protein(Ile30-Ile469), fused with His tag, was expressed in Insect Cells.                                                                                                                                                                           |
| <b>Species</b>          | Influenza A H3N2 (A/Darwin/6/2021)                                                                                                                                                                                                                                                                    |
| <b>Source</b>           | Insect Cells                                                                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | Ile30-Ile469                                                                                                                                                                                                                                                                                          |
| <b>Form</b>             | Lyophilized from sterile 20mM Tris, 150mM NaCl, pH 8.0. 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 A H3N2 (A/Darwin/6/2021) Neuraminidase consists of 486 amino acids and predicts a molecular mass of 58.88 kDa. It migrates as an approximately 54.73 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>           | > 95 % 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                                                                                                                          |

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

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.

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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