

## Recombinant Dengue virus(type 3, strain Philippines/H87/1956) NS1 protein, His-tagged

**Cat. No.** NS1-858D    **Lot. No.** (See product label)

### SPECIFICATION

|                             |                                                                                                                                                                                                                                                                            |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant Dengue virus(type 3, strain Philippines/H87/1956) NS1(Asp774-Ala1125) fused with His tag at N-terminal was expressed in HEK293.                                                                                                                                |
| <b>Species</b>              | DENV                                                                                                                                                                                                                                                                       |
| <b>Source</b>               | HEK293                                                                                                                                                                                                                                                                     |
| <b>ProteinLength</b>        | Asp774-Ala1125                                                                                                                                                                                                                                                             |
| <b>Description</b>          | NS1 played an important role in many functions.                                                                                                                                                                                                                            |
| <b>Predicted N Terminal</b> | His                                                                                                                                                                                                                                                                        |
| <b>Form</b>                 | Lyophilized from sterile PBS, pH 7.4.<br>Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements. |
| <b>Molecular Mass</b>       | The recombinant Dengue virus (DENV) (type 3, strain Philippines/H87/1956) consists of 371 amino acids and predicts a molecular mass of 42.1 kDa.                                                                                                                           |
| <b>Endotoxin</b>            | < 1.0 EU per µg protein as determined by the LAL method                                                                                                                                                                                                                    |
| <b>Purity</b>               | > 90 % as determined by SDS-PAGE.                                                                                                                                                                                                                                          |

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|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Stability</b>      | Samples are stable for up to twelve months from date of receipt at -70 centigrade                                                                                                                      |
| <b>Storage</b>        | Store it under sterile conditions at -20 centigrade to -80 centigrade upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles. |
| <b>Reconstitution</b> | Detailed reconstitution instructions are sent along with the products.                                                                                                                                 |

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