

## Recombinant DENV Envelope protein, His-tagged

**Cat. No.** Envelope-351D    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant DENV(type 2, strain New Guinea C/PUO-218 hybrid) Envelope protein(AAC59274.1) (Gly534-Gly675) was expressed in Yeast with a polyhistidine tag at the C-terminus.                                                                    |
| <b>Species</b>          | DENV2                                                                                                                                                                                                                                           |
| <b>Source</b>           | Yeast                                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | Gly534-Gly675                                                                                                                                                                                                                                   |
| <b>Tag</b>              | C-His                                                                                                                                                                                                                                           |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4.                                                                                                                                                                                                           |
| <b>Molecular Mass</b>   | The recombinant the envelope protein of Dengue virus (DENV)(type 2, strain New Guinea C/PUO-218 hybrid consists of 152 amino acids and predicts a molecular mass of 17.1 kDa.                                                                   |
| <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. 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. |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of                                                                                                                                                        |

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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