

### Certificate of Analysis

**Name:** Dengue Virus Serotype 2 envelope protein

**Product code:** DENV2-ENV-100

**Batch #:** 18062908

**Description:** Recombinant Dengue Virus serotype 2 envelope protein antigen, produced in 293 human cells. The protein consists of amino acids 279-679 (polyprotein positions) with a C-terminal His<sub>6</sub>-tag, separated from the protein by a Gly<sub>6</sub> linker.

**Sequence Strain:** Thailand/16681/84

**Amount:** 100µg

**Concentration:** 0.364mg/ml

**Purity:** >95% pure by SDS-PAGE

**Presentation:** Liquid, filtered through 0.4µm

**Buffer:** 20mM Tris-HCl, 110mM sodium chloride, pH7.8.

#### Usage guidelines

**General:** Avoid excessive mixing or shocking to prevent aggregation. Long term storage above -80°C may result in aggregate formation and/or degradation.

**Storage:** Short term: +2°C to +8°C  
Long Term: -80°C

**Stability:** n.d.  
n.d.

**Freezing:** Can be frozen, but avoid multiple freeze/thaw cycles.



QC Officer

09 July 2018

Date

