

## Certificate of Analysis

**Name:** Dengue Virus Serotype 2 Envelope Protein (HEK293)

**Product Code:** DENV2-ENV-100 / DENV2-ENV-500

**Batch #:**

**Date of Manufacture:**

**Product 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 His6-tag, separated from the protein by a Gly6 linker.

**Expression System:** HEK293

**Accession:** P14337.2

**Strain/Isolate:** Thailand/16681/84

**Amino Acids:** 281-675

**Tag:** 6xHis-tag, C-terminus

**Expected Molecular Weight:** kDa

**Observed Molecular Weight:** kDa

**Amount:** 0.1 mg / 0.5 mg

**Concentration:** mg/ml

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

**Presentation:** Liquid, filtered through 0.22µm

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

### Usage Guidelines

**Short Term Storage:** +4°C

**Long Term Storage:** -80°C

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

**Stability:** Not determined

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



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**Products are for Research Use or for Further Manufacturing Use only. Not for Diagnostic or Therapeutic Use.**