

Certificate of Analysis

Name: Dengue Virus Serotype 2 VLP

Product Code: REC31995-500 / REC31995-100

Batch #: 23120710

Date of Manufacture: 12-DEC-2023

Product Description: Recombinant Dengue Virus serotype 2 virus-like particle recombinant antigen consisting of Envelope, pre-Membrane and Membrane protein produced in 293 human cells. The C-terminal 20% of the dengue Envelope protein was replaced by the corresponding Japanese encephalitis virus SA-14 sequence (Envelope protein amino acids 397-495). The replaced sequence corresponds to the transmembrane and intraparticle portion of the protein.

Expression System: HEK293 stable cell line SCL-1150-C7E

Accession: AAP06254.1

Strain/Isolate: Thailand/16681/84

Amino Acids: 115-800

Amount: 0.5 mg / 0.1 mg

Concentration: 0.70mg/ml

Purity: >95% pure by SDS-PAGE

Presentation: Liquid

Buffer: 10mM sodium phosphate, 20mM sodium citrate, 154mM sodium chloride, pH7.4

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.

Stability: Product is stable for a minimum of 12 months from receipt, if stored at -80 °C

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



20/02/2025

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QC

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20/02/2025

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