

Certificate of Analysis

Name: Dengue Virus Serotype 1 VLP

Product Code : REC31994-500 / REC31994-100

Batch #: 23110309

Date of Manufacture: 08-NOV-2023

Product Description: Recombinant Dengue Virus serotype 1 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 399-497). The replaced sequence corresponds to the transmembrane and intraparticle portion of the protein.

Expression System: HEK293 stable cell line SCL-1149-B11A

Accession: ABO45246.1

Strain/Isolate: Puerto Rico/US/BID-V853/1998

Amino Acids: 113-774

Amount: 0.5 mg / 0.1 mg

Concentration: 0.35 mg/ml

Purity: >95% 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: At +4°C: 1 week.

At -80°C: 1 year.

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.