

Certificate of Analysis

Name: Dengue Virus Serotype 1 DIII envelope protein

Product Code: REC31761-100

Batch #:

Date of Manufacture:

Product Description: Recombinant protein manufactured in E. coli. Contains the Immunoglobulin-like domain DIII of Dengue virus serotype 1 (DENV1) envelope protein. Protein contains a His-tag and has an approximate pI of 6.7-7.

Expression System: E. coli

Strain/Isolate: Serotype 1

Tag: His-tag

Expected Molecular Weight: 11.3 kDa

Observed Molecular Weight: 11.3 kDa

Amount: 0.1 mg

Concentration: 1.0 mg/ml

Purity: >95%

Presentation: Liquid

Buffer: 20mM Carbonate buffer, pH 9.6

Applications: ELISA, Western blot, Lateral flow assays

Application Notes: Binds Dengue positive serum antibodies

Usage Guidelines

Short Term Storage: -80°C

Long Term Storage: -80°C

General Storage Conditions: Multiple freeze/thaw cycles are to be avoided.

Stability: Proteins are also stable at pH3 in 50mM Formate buffer, but will precipitate in 1XPBS at pH7.4

Freezing: Can be frozen

X

QC

X

QA

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