

## Certificate of Analysis

**Name:** Dengue virus 1 Envelope, C-terminal His-tag (insect cell expressed)

**Product Code:** REC32064-100 / REC32064-500

**Batch #:** 23062312P

**Date of Manufacture:** 23 Jun 2023

**Product Description:** Dengue virus 1 Envelope, C-terminal His-tag, expressed in Sf21 cells and purified by immobilised metal affinity chromatography, ion exchange chromatography and dialysis.

**Expression System:** Sf21

**Accession:** ACJ04221.1

**Strain/Isolate:** DENV-1/US/BID-V2127/1994

**Amino Acids:** 281-676

**Tag:** 6xHis, C-Terminus

**Expected Molecular Weight:** 45 kDa

**Observed Molecular Weight:** 50 kDa

**Amount:** 0.1 mg / 0.5 mg

**Concentration:** 0.26 mg/ml

**Purity:** 80%

**Presentation:** Liquid

**Buffer:** DPBS

### Usage Guidelines

**Short Term Storage:** -80°C

**Long Term Storage:** -80°C

**Stability:** n/d

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



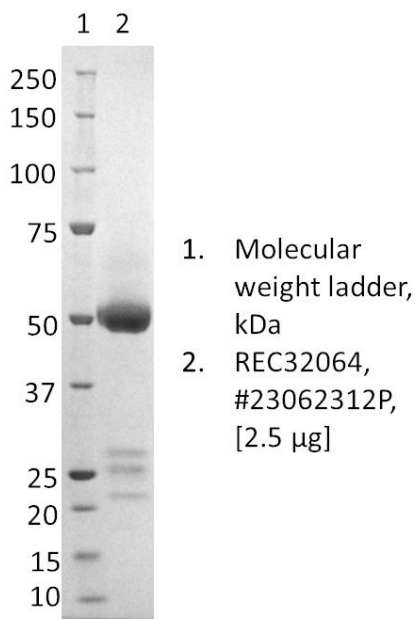
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**SDS-PAGE:** Representative Coomassie-stained reducing SDS-PAGE showing purified Dengue virus 1 Envelope, C-terminal His-tag (insect cell expressed).



28/06/2023

X

*H. Schuhmann*

QC

Signed by: Holger Schuhmann

28/06/2023

X

*L. Rose*

QA

Signed by: Louise Rose

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



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The Native Antigen Company is now part of LGC Group.

*Science for a Safer World*