

Certificate of Analysis

Name: Tick-bourne encephalitis virus (TBEV) Envelope DIII domain, C-terminal His-tag

Product Code: REC32087-100 / REC32087-500

Batch #: 25122315P

Date of Manufacture: 23 Dec 2025

Product Description: Tick-bourne encephalitis virus (TBEV) DIII domain of the Envelope protein. The protein was produced in *E. coli* and purified from cell pellet by immobilized metal affinity and ion exchange chromatography.

Expression System: *E. coli*

Accession: 6J5F_A

Strain/Isolate: Neudoerfl

Amino Acids: 1-101

Tag: His-Tag, C-Terminus

Expected Molecular Weight: 12 kDa

Observed Molecular Weight: 12 kDa

Amount: 0.1 mg / 0.5 mg

Concentration: 1.49 mg/ml mg/ml

Presentation: Liquid

Buffer: 20 mM potassium carbonate, pH 9.6

Usage Guidelines

Short Term Storage: -80°C

Long Term Storage: -80°C

Stability: Not determined

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



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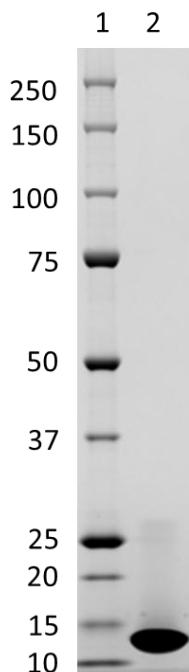
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SDS-PAGE: Representative Coomassie-stained reducing SDS-PAGE showing purified Tick-bourne encephalitis virus (TBEV) Envelope DIII domain, C-terminal His-tag.

14/01/2026

X

H. Schuhmann



1. Molecular weight ladder, kDa
2. REC32087, #25122315P, [2.5µg]

QC

Signed by: Holger.Schuhmann@lgcgroup.com

14/01/2026

X

QA

Signed by: Estelle.Tressens@LGCGroup.com

14/01/2026

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Page 2 of 2

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Science for a Safer World