

Certificate of Analysis

Name: Diphtheria Toxin, CRM197 Mutant

Product code: REC31800-100 / REC31800-500

Batch #: 46120717

Date of Manufacture: 06 June 2025

Description: CRM197 is a genetically detoxified diphtheria toxin (CAS Number: 92092-36-9). It is expressed as a soluble, correctly folded ~58kDa recombinant protein in the cytoplasm of E. coli and then produced to >99% purity.

Amount: 100µg / 500µg

Concentration: 1.13mg/ml

Purity: >99% purity, <1% dimer by SEC HPLC

Endotoxin: <10 EU/mg

Presentation: Liquid

Buffer: 20mM HEPES, 10% Sucrose, 0.0055% Tween 80, pH7.6

Usage guidelines

Long-Term Storage: -80°C

Short-Term Storage: Sterile at +4°C

Stability: Not determined

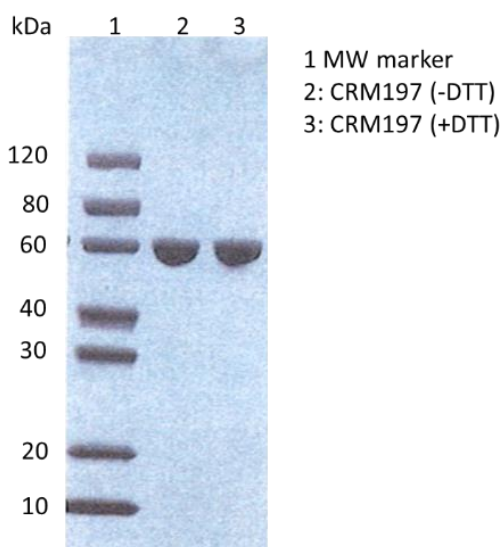
Freezing: Can be frozen, but avoid repeated freeze-thaw cycles.

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09/06/2025

X *Tracy Pullen*

QC

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10/06/2025

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



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Science for a Safer World