

New England Biolabs Certificate of Analysis

Product Name: TEV Protease
Catalog Number: P8112S
Concentration: 10,000 U/ml
Unit Definition: One unit of TEV Protease will cleave 2 µg of MBP-fusion protein, MBP5-TEV-paramyosinΔSal, to 95% completion in a total reaction volume of 10 µl in 1 hour at 30°C in 50 mM Tris-HCl (pH 7.5 @ 25°C) with 0.5 mM EDTA and 1 mM DTT.
Packaging Lot Number: 10207846
Expiration Date: 03/2025
Storage Temperature: -20°C
Storage Conditions: 50 mM Tris-HCl, 250 mM NaCl, 1 mM TCEP, 1 mM EDTA, 50% Glycerol (pH 7.5 @ 25°C)
Specification Version: PS-P8112S v1.0

TEV Protease Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
P8112SVIAL	TEV Protease	10180320	Pass
B8035SVIAL	10X TEV Protease Reaction Buffer	10181119	Pass

Assay Name/Specification	Lot # 10207846
Protease Activity (Non-Specific, SDS-PAGE) A 20 µl reaction in 1X TEV Protease Reaction Buffer containing 24 µg of a standard mixture of proteins and a minimum of 10 units of TEV Protease was incubated for 20 hours at 37°C. After incubation, no detectable degradation of the protein mixture was determined by SDS-PAGE with Coomassie Blue detection.	Pass

This product has been tested and shown to be in compliance with all specifications.

One or more products referenced in this document may be covered by a 3rd-party trademark. Please visit www.neb.com/trademarks for additional information.

Emily Chen

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28 Feb 2023

Michael Tonello

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Packaging Quality Control Inspector
25 Sep 2023