

240 County Road Ipswich, MA 01938-2723

Tel 978-927-5054 Fax 978-921-1350 www.neb.com info@neb.com

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: 10165558
Expiration Date: 06/2024
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	10151503	Pass	
B8035SVIAL	10X TEV Protease Reaction Buffer	10156830	Pass	

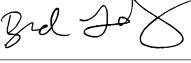
Assay Name/Specification	Lot # 10165558
Protease Activity (Non-Specific, SDS-PAGE)	Pass
A 20 μl reaction in 1X TEV Protease Reaction Buffer containing 24 μg of a standard	
mixture of proteins and a minimum of 10 units of TEV Protease was incubated for 20	
hours at 37°C. After incubation, no detectable degradation of the protein mixture	
was determined by SDS-PAGE with Coomassie Blue detection.	

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.



P8112S / Lot: 10165558 Page 1 of 2



Brad Landgraf Production Scientist 26 May 2022 Michael Tonello

Packaging Quality Control Inspector

25 Oct 2022

P8112S / Lot: 10165558

Page 2 of 2