

New England Biolabs Certificate of Analysis

Product Name: Furin
Catalog Number: P8077L
Concentration: 2,000 U/ml
Unit Definition: 1 unit is defined as the amount of enzyme required to cleave 25 µg of a MBP-FN-paramyosin-ΔSal substrate to 95% completion in 6 hours at 25°C in a total reaction volume of 25 µl.
Packaging Lot Number: 10079374
Expiration Date: 07/2021
Storage Temperature: -20°C
Storage Conditions: 10 mM MES, 1 mM CaCl₂, 50 % Glycerol, (pH 7.0 @ 25°C)
Specification Version: PS-P8077S/L v1.0

Furin Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
P8077LVIAL	Furin	10079375	Pass

Assay Name/Specification	Lot # 10079374
Functional Testing (Fusion Protein Digestion) A 25 µl reaction in 1X Furin Assay Buffer containing 25 µg of MBP-paramyosin ΔSal, treated with 1 unit of Furin, incubated for 6 hours at 25°C results in a mobility shift in >95% of the starting material as determined by Coomassie stained SDS-PAGE.	Pass

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

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28 Jul 2020



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28 Jul 2020