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New England Biolabs Certificate of Analysis

Product Name: Furin
Catalog Number: P8077S
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-∆Sal substrate to 95% completion in 6 hours

at 25°C in a total reaction volume of 25 µl.

Packaging Lot Number: 10126961
Expiration Date: 11/2022
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	
P8077SVIAL	Furin	10126960	Pass	

Assay Name/Specification	Lot # 10126961
Functional Testing (Fusion Protein Digestion)	Pass
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.	

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.



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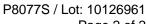
Alicia Bielik
Production Scientist

10 Mar 2022

Michael Tonello

Packaging Quality Control Inspector 10 Mar 2022





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