

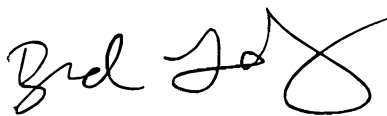
New England Biolabs Certificate of Analysis

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-ΔSal substrate to 95% completion in 6 hours at 25°C in a total reaction volume of 25 µl.*
Lot Number: *10042011*
Expiration Date: *04/2020*
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	10042012	Pass

Assay Name/Specification	Lot # 10042011
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.



Brad Landgraf
Production Scientist
19 Apr 2019



Jay Minichiello
Packaging Quality Control Inspector
31 May 2019