Creative Enzymes®

furin

Cat. No. EXWM-4167

Lot. No. (See product label)

Introduction

Description	One of a group of peptidases in peptidase family S8 (subtilisin family) that is structurally and functionally similar to kexin. All are activated by Ca2+, contain Cys near the active site His, and are inhibited by p-mercuribenzoate. At least three related enzymes are recognized in mammals: PC2, PC3 and PC4, which have somewhat different specificities
Synonyms	prohormone convertase; dibasic processing enzyme; PACE; paired basic amino acid cleaving enzyme; paired basic amino acid converting enzyme; serine proteinase PACE; PC1; SPC3; proprotein convertase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.4.21.75
CAS No.	141760-45-4
Reaction	Release of mature proteins from their proproteins by cleavage of -Arg-Xaa-Yaa-Arg┼ bonds, where Xaa can by any amino acid and Yaa is Arg or Lys. Releases albumin, complement component C3 and von Willebrand factor from their respective precursors
Notes	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage	Store it at +4 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.