

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 Ca^{2+} , 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 $-\text{Arg-Xaa-Yaa-Arg}^+$ bonds, where Xaa can be 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 $+4\text{ }^{\circ}\text{C}$ for short term. For long term storage, store it at $-20\text{ }^{\circ}\text{C}\sim-80\text{ }^{\circ}\text{C}$.