Creative Enzymes®

carboxypeptidase E

Cat. No. EXWM-4062

Lot. No. (See product label)

Introduction

Description	A zinc enzyme, activated by Co2+. Inhibited by 1,10-phenanthroline and other chelating agents. pH optimum 5.6. Located in storage granules of secretory cells, and active in processing of protein hormones and bioactive peptides. In peptidase family M14 (carboxypeptidase A family).
Synonyms	carboxypeptidase H; enkephalin convertase; cobalt-stimulated chromaffin granule carboxypeptidase; insulin granule-associated carboxypeptidase; enkephalin convertase; membrane-bound carboxypeptidase; carboxypeptidase E; enkephalin-precursor endopeptidase; enkephalin precursor carboxypeptidase; peptidyl-L-lysine(-L-arginine) hydrolase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.4.17.10
CAS No.	81876-95-1
Reaction	Release of C-terminal arginine or lysine residues from polypeptides
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 ℃.