

## carboxypeptidase E

Cat. No. EXWM-4062

Lot. No. (See product label)

### Introduction

**Description** A zinc enzyme, activated by  $\text{Co}^{2+}$ . 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 °C for short term. For long term storage, store it at -20 °C~-80 °C.