

meprin B

Cat. No. EXWM-4346

Lot. No. (See product label)

Introduction

Description

A brush border membrane-bound metalloendopeptidase known from the intestine of all mouse strains that have been tested, and the kidney of certain inbred strains. A tetramer of meprin β subunits (in contrast to meprin A, which contains both α and β subunits). Occurs in the kidney as a proenzyme that can be activated by trypsin. Meprin B is inhibited by both EDTA and 1,10-phenanthroline, but not by phosphoramidon, captopril or thiorphan. In peptidase family M12 (astacin family)

Synonyms

meprin-b

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.4.24.63

CAS No.

150679-52-0

Reaction

Hydrolysis of proteins, including azocasein, and peptides. Hydrolysis of -His5↓Leu-, -Leu6↓Cys-, -Ala14↓Leu- and -Cys19↓Gly- bonds in insulin B chain

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.