Creative Enzymes®

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