Creative Enzymes®

glutamate carboxypeptidase

Cat. No. EXWM-4063

Lot. No. (See product label)

Introduction

Description	A zinc enzyme produced by pseudomonads, Flavobacterium sp. and Acinetobacter sp. Its ability to hydrolyse pteroyl-L-glutamate (folic acid) has led to its use as a folate-depleting, antitumour agent. Type example of peptidase family M20
Synonyms	carboxypeptidase G; carboxypeptidase G1; carboxypeptidase G2; glutamyl carboxypeptidase; N-pteroyl-L-glutamate hydrolase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.4.17.11
CAS No.	9074-87-7
Reaction	Release of C-terminal glutamate residues from a wide range of N-acylating moieties, including peptidyl, aminoacyl, benzoyl, benzyloxycarbonyl, folyl and pteroyl groups
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 ℃.