Creative Enzymes®

acylaminoacyl-peptidase

Cat. No. EXWM-4082

Lot. No. (See product label)

Introduction

Description	Active at neutral pH. Several variants of this enzyme exist; the human erythrocyte enzyme is relatively specific for removal of N-acetylalanine from peptides. Displays dipeptidyl-peptidase activity on glycyl-peptides, perhaps as a result of mis-recognition of the glycyl residue as an uncharged N-acyl group. Inhibited by diisopropyl fluorophosphate. In peptidase family S9 (prolyl oligopeptidase family).
Synonyms	acylamino-acid-releasing enzyme; N-acylpeptide hydrolase; N-formylmethionine (fMet) aminopeptidase; α-N-acylpeptide hydrolase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.4.19.1
CAS No.	73562-30-8
Reaction	Cleavage of an N-acetyl or N-formyl amino acid from the N-terminus of a polypeptide
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 ℃.