Creative Enzymes®

Xaa-Pro dipeptidyl-peptidase

Cat. No. EXWM-4045

Lot. No. (See product label)

Introduction

Description	The intracellular enzyme from Lactococcus lactis (190-kDa) is the type example of peptidase family S15. The reaction is similar to that catalysed by dipeptidyl-peptidase IV of animals
Synonyms	X-prolyl dipeptidyl aminopeptidase; PepX; X-prolyl dipeptidyl peptidase; X-Pro dipeptidyl-peptidase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.4.14.11
CAS No.	54249-88-6
Reaction	Hydrolyses Xaa-Pro┼ bonds to release unblocked, N-terminal dipeptides from substrates including Ala-Pro┼p-nitroanilide and (sequentially) Tyr-Pro┼Phe-Pro┼Gly-Pro┼Ile
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 ℃.