Creative Enzymes®

peptidyl-dipeptidase Dcp

Cat. No. EXWM-4055

Lot. No. (See product label)

Introduction

Description	Known from Escherichia coli and Salmonella typhimurium. A zinc metallopeptidase in peptidase family M3 (thimet oligopeptidase family). Ac-Ala┼Ala-Ala is a good test substrate. Inhibited by captopril, as is peptidyl-dipeptidase A. Formerly EC 3.4.15.3, and included in EC 3.4.15.1, peptidyl-dipeptidase A.
Synonyms	dipeptidyl carboxypeptidase (Dcp); dipeptidyl carboxypeptidase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.4.15.5
CAS No.	395642-28-1
Reaction	Hydrolysis of unblocked, C-terminal dipeptides from oligopeptides, with broad specificity. Does not hydrolyse bonds in which P1' is Pro, or both P1 and P1' are Gly
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 ℃.