Creative Enzymes®

Native Porcine Leucine Aminopeptidase, microsomal

Cat. No. NATE-0378

Lot. No. (See product label)

Introduction

Description	Leucyl aminopeptidases are enzymes that preferentially catalyze the hydrolysis of leucine residues at the N-terminus of peptides and proteins. Other N-terminal residues can also be cleaved, however. LAPs have been found across superkingdoms. Identified LAPs include human LAP, bovine lens LAP, porcine LAP, Escherichia coli (E. coli) LAP (also known as PepA or XerB), and the solanaceous-specific acidic LAP (LAP-A) in tomato (Solanum lycopersicum).
Synonyms	Leucine Aminopeptidase, microsomal; 9054-63-1; leucine aminopeptidase; leucyl peptidase; peptidase S; cytosol aminopeptidase; cathepsin III; L-leucine aminopeptidase; leucinaminopeptidase; leucinamide aminopeptidase; FTBL proteins; proteinates FTBL; aminopeptidase II; aminopeptidase III; aminopeptidase I; EC 3.4.11.1; leucyl aminopeptidase; LAP

Product Information

Species	Porcine
Source	Porcine Kidney Microsomes
Form	Freeze-dried powder
EC Number	EC 3.4.11.2
CAS No.	9054-63-1
Activity	20 U/mg protein
Unit Definition	That amount of enzyme which catalyzes the hydrolysis of one micromole L-leucinamide per minute at 25°C at pH 8.5.