Creative Enzymes®

Human Pancreatic Carboxypeptidase A

Cat. No. CEFX-021

Lot. No. (See product label)

Introduction

Description	1. Fresh pancreatic tissue is mashed after removing lipids and connective tissue. 2. Remove nuclease and protease. 3. Soak the tissue residue in distilled water, mix, and extract. 4. (NH4)2SO4 precipitation to obtain Carboxypeptidase A. 5. Chromatographically further purify Carboxypeptidase A.

Product Information

Species	Human
Source	Human Pancreatic
Form	Powder
EC Number	EC 3.4.17.1
Activity	12-18 units/mg of protein
Buffer	The substrate buffer is 0.025 M Tris pH 7.7, 0.1 M NaCl, 1 mM hippuryl-L-phenylalanine.
Unit Definition	1unit will hydrolyze 1μM of hippuryl-L-phenylalanine at pH 7.7 at 25°C.

Storage and Shipping Information

Storage	Store at -20°C.