

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.