

## 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. (NH<sub>4</sub>)<sub>2</sub>SO<sub>4</sub> 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.