

[Go to Product page](#)

## Datasheet for ABIN7318244

### CPB1 Protein (His tag)

#### Overview

Quantity:	50 µg
Target:	CPB1
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CPB1 protein is labelled with His tag.

#### Product Details

Purpose:	Recombinant Human Carboxypeptidase B1/CPB1 Protein (His Tag)
Sequence:	His16-Tyr417
Characteristics:	Recombinant Human Carboxypeptidase B is produced by our Mammalian expression system and the target gene encoding His16-Tyr417 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

#### Target Details

Target:	CPB1
Alternative Name:	Carboxypeptidase B1/CPB1 ( <a href="#">CPB1 Products</a> )
Background:	Background: Carboxypeptidase B1 is an exopeptidase which specifically cleaves the C-terminal Arg and Lys residues with a preference for Arg. Expressed mainly in pancreas, CPB1 is a useful serum marker for acute pancreatitis and pancreatic graft rejection. Human CPB1 consists of a

## Target Details

signal peptide, a pro region, and a mature chain. The purified rhCPB1 corresponds to the pro form, which can be activated by trypsin, the only pancreatic protease capable of generating active enzyme from the zymogen in vitro.

Synonym: Carboxypeptidase B, Pancreas-Specific Protein, PASP, CPB1, CPB, PCPB

Molecular Weight: 46.9 kDa

UniProt: [P15086](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Frozen, Liquid

Buffer: Supplied as a 0.2 µm filtered solution of 20 mM MES, 150 mM NaCl, pH 5.5.

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.