

Recombinant Human Carboxypeptidase B/CPB1 Protein(C-6His)

Cat.NO.: TP04906

3th Edition

Synonyms:Carboxypeptidase B; Pancreas-Specific Protein; PASP; CPB1; CPB; PCPB

Description: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 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.

Form:PBS

Molecular Weight:46.9 kDa

Sequences:His16-Tyr417

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.