

## Recombinant Human CPB1 Protein, GST-tagged

Cat. No. CPB1-846H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CPB1(His16-Tyr417) fused with GST tag at N-terminal was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Protein Length</b>	16-417 a.a.
<b>Description</b>	Three different procarboxypeptidases A and two different procarboxypeptidases B have been isolated. The B1 and B2 forms differ from each other mainly in isoelectric point. Carboxypeptidase B1 is a highly tissue-specific protein and is a useful serum marker for acute pancreatitis and dysfunction of pancreatic transplants. It is not elevated in pancreatic carcinoma.
<b>Form</b>	20mM MES, 150mM NaCl, pH 5.5. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.
<b>Molecular Mass</b>	46.9 kDa
<b>Endotoxin</b>	< 0.1 EU per g protein as determined by LAL test
<b>Purity</b>	>95% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

## GENE INFORMATION

<b>Gene Name</b>	CPB1 carboxypeptidase B1 (tissue) [ Homo sapiens ]
<b>Official Symbol</b>	CPB1
<b>Synonyms</b>	CPB1; carboxypeptidase B1 (tissue); carboxypeptidase B; pancreatic carboxypeptidase B; protaminase; tissue carboxypeptidase B; procarboxypeptidase B; pancreas-specific protein; CPB; PASP; PCPB; DKFZp779K1333;
<b>Gene ID</b>	1360
<b>mRNA Refseq</b>	NM_001871
<b>Protein Refseq</b>	NP_001862
<b>MIM</b>	114852
<b>UniProt ID</b>	P15086

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA