

Recombinant Human CPB1 Protein,GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human CPB1(His16-Tyr417) fused with GST tag at N-terminal was expressed in HEK293 cells.
Species	Human
Source	HEK293
ProteinLength	16-417 a.a.
Description	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.
Form	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.
Molecular Mass	46.9 kDa
Endotoxin	< 0.1 EU per g protein as determined by LAL test
Purity	>95% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

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

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