Recombinant Human CPB1 Protein, GST-tagged

Cat. No. CPB1-1777H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CPB1 full-length ORF (AAH15338, 14 a.a. - 417 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Jul 2008]
Molecular Mass	70.18 kDa
AA Sequence	SAHHGGEHFEGEKVFRVNVEDENHINIIRELASTTQIDFWKPDSVTQIKPHSTVDFRV KAEDTVTVENVLKQNELQYKVLISNLRNVVEAQFDSRVRATGHSYEKYNKWETIEA WTQQVATENPALISRSVIGTTFEGRAIYLLKVGKAGQNKPAIFMDCGFHAREWISPAF CQWFVREAVRTYGREIQVTELLDKLDFYVLPVLNIDGYIYTWTKSRFWRKTRSTHTG SSCIGTDPNRNFDAGWCEIGASRNPCDETYCGPAAESEKETKALADFIRNKLSSIKA YLTIHSYSQMMIYPYSYAYKLGENNAELNALAKATVKELASLHGTKYTYGPGATTIYP AAGGSDDWAYDQGIRYSFTFELRDTGRYGFLLPESQIRATCEETFLAIKYVASYVLE HLY
Applications	Enzyme-linked Immunoabsorbent Assay

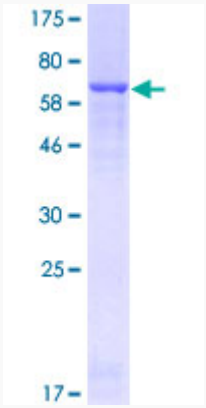
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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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Quality Control Testing:	 12.5% SDS-PAGE Stained with Coomassie Blue.

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