

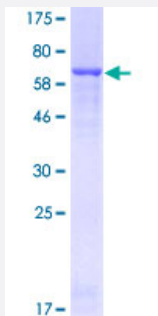
Full-Length

CPB1 (Human) Recombinant Protein (P01)

Catalog # H00001360-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CPB1 full-length ORF (AAH15338, 14 a.a. - 417 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

SAHHGGEHFEGEKVFRVNVEDENHINIIRELASTTQIDFWKPDSTQIKPHSTVDFRVKAEDTVTV
ENVLKQNELQYKVLISNLRNVVEAQFDSRVTRATGHSYEKYNKWETIEAWTQQVATENPALISRSVI
GTTFEGRAIMLLKVGKAGQNKPAIFMDCGFHAREWISPAFCQWFVREAVRTYGREIQVTELLDKLD
FYVLPVLNIDGYITWTKSRFWRKTRSTHTGSSCIGTDPNRNFDAGWCEIGASRNPCDETYCGPAA
ESEKETKALADFIRNKLSSIKAYLTIHSYSQMMIYPYSYAYKLGENNAELNALAKATVKELASLHGK
YTYGPGATTIYPAAGGSDDWAYDQGIYRSTFELRDTGRYGFLLPESQIRATCEETFIAIKYVASYVL
EHLV

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

70.18

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CPB1

Entrez GeneID	1360
GeneBank Accession#	BC015338
Protein Accession#	AAH15338
Gene Name	CPB1
Gene Alias	DKFZp779K1333, PASP, PCPB
Gene Description	carboxypeptidase B1 (tissue)
Omim ID	114852
Gene Ontology	Hyperlink
Gene Summary	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 B 1 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]
Other Designations	pancreas-specific protein pancreatic carboxypeptidase B1

Disease

- [Tobacco Use Disorder](#)