Recombinant Human CPB2 protein, His-tagged

Cat. No. CPB2-3210H **Lot. No.** (See product label)

SPECIFICATION

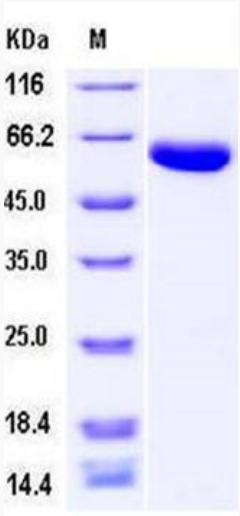
Product Overview	Recombinant Human CPB2 protein(NP_001863.2)(Met 1-Val 423) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-423 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The recombinant human CPB2 consists of 412 amino acids and predictes a molecular mass of 47.4 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhCPB2 is approximately 45-50 kDa due to glycosylation.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 97 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

Gene Name	CPB2 carboxypeptidase B2 (plasma) [Homo sapiens]
Official Symbol	CPB2
Synonyms	CPB2; carboxypeptidase B2 (plasma); carboxypeptidase B2 (plasma, carboxypeptidase U); carboxypeptidase B2; carboxypeptidase R; carboxypeptidase U; CPU; PCPB; plasma carboxypeptidase B; TAFI; thrombin activatable fibrinolysis inhibitor; carboxypeptidase B-like protein; thrombin-activable fibrinolysis inhibitor; thrombin-activatable fibrinolysis inhibitor;
Gene ID	1361
mRNA Refseq	NM_001872
Protein Refseq	NP_001863
MIM	603101
UniProt ID	Q96IY4

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SDS-PAGE	

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