

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)(Met1-Val423), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Val423
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The recombinant human CPB2 consists of 412 amino acids and predicts 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	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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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.

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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