

Recombinant Mouse Cpb2 protein, His-tagged

Cat. No. Cpb2-2505M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cpb2 protein(Q9JHH6)(Met1-Thr422), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Thr422
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 secreted recombinant mouse CPB2 (pro formcomprises 412 amino acids and has a calculated molecular mass of 48 kDa. As a result of glycosylation, the apparent molecular mass of rmCPB2 is approximately 60 kDa in SDS-PAGE under reducing conditions.
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

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be aliquoted 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.

GENE INFORMATION

Gene Name [Cpb2 carboxypeptidase B2 \(plasma\) \[Mus musculus \]](#)

Official Symbol [Cpb2](#)

Synonyms

CPB2; carboxypeptidase B2 (plasma); carboxypeptidase B2; carboxypeptidase R; carboxypeptidase U; thrombin-activable fibrinolysis inhibitor; thrombin-activatable fibrinolysis inhibitor; CPR; Cpu; TAFI; AI255929; 1110032P04Rik; 4930405E17Rik; MGC107573;

Gene ID [56373](#)

mRNA Refseq [NM_019775](#)

Protein Refseq [NP_062749](#)

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