Recombinant Mouse Cpb2 protein, His & S-tagged

Cat. No. Cpb2-608M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cpb2 aa. (Arg113~Thr422 (Accession # Q9JHH6)) fused with N-terminal His & S tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Arg113~Thr422
Description	This gene encodes carboxypeptidase B, a zinc-dependent metalloprotease that cleaves peptide bonds at the C-terminus of protein substrates. The encoded preproprotein undergoes proteolytic activation to generate a mature, functional enzyme, and secreted into plasma.
Form	Freeze-dried powder
Molecular Mass	41 kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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	accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH 7.4.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Cpb2 carboxypeptidase B2 (plasma) [Mus musculus (house mouse)]
Official Symbol	Cpb2
Synonyms	Cpb2; carboxypeptidase B2 (plasma); CPR; Cpu; TAFI; AI255929; 1110032P04Rik; 4930405E17Rik; carboxypeptidase B2; carboxypeptidase R; carboxypeptidase U; thrombin-activable fibrinolysis inhibitor; thrombin-activatable fibrinolysis inhibitor
Gene ID	56373
mRNA Refseq	NM_019775.3
Protein Refseq	NP_062749.2
UniProt ID	Q9JHH6

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