

Recombinant Mouse Cpb2 Protein, Myc/DDK-tagged

Cat. No. Cpb2-2285M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length carboxypeptidase B2 (plasma) (Cpb2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
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.
Molecular Mass	49.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Cpb2 carboxypeptidase B2 (plasma) [Mus musculus (house mouse)]
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
UniProt ID	Q9JHH6

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