

Recombinant Human CPB2 Protein, MYC/DDK-tagged

Cat. No. CPB2-3301H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CPB2 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	Carboxypeptidases are enzymes that hydrolyze C-terminal peptide bonds. The carboxypeptidase family includes metallo-, serine, and cysteine carboxypeptidases. According to their substrate specificity, these enzymes are referred to as carboxypeptidase A (cleaving aliphatic residues) or carboxypeptidase B (cleaving basic amino residues). The protein encoded by this gene is activated by trypsin and acts on carboxypeptidase B substrates. After thrombin activation, the mature protein downregulates fibrinolysis. Polymorphisms have been described for this gene and its promoter region. Alternate splicing results in multiple transcript variants.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	45.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	CPB2 carboxypeptidase B2 (plasma) [Homo sapiens]
Official Symbol	CPB2
Synonyms	CPU; PCPB; TAFI
Gene ID	1361
mRNA Refseq	NM_001872
Protein Refseq	NP_001863
MIM	603101
UniProt ID	Q96IY4

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