

Recombinant Human CPB2 Protein, MYC/DDK-tagged

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

SPECIFICATION

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| Product Overview | Recombinant Human CPB2 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293. |
| Species | Human |
| Source | HEK293 |
| Description | <p>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.</p> |
| 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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 45-1 Ramsey Road, Shirley, NY 11967, USA



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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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