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## **CPB2 Protein (Transcript Variant 1) (Myc-DYKDDDDK Tag)**



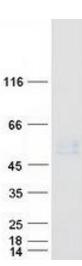


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Overview		
Quantity:	20 μg	
Target:	CPB2	
Protein Characteristics:	Transcript Variant 1	
Origin:	Human	
Source:	HEK-293 Cells	
Protein Type:	Recombinant	
Purification tag / Conjugate:	This CPB2 protein is labelled with Myc-DYKDDDDK Tag.	
Application:	Antibody Production (AbP), Standard (STD)	
Product Details		
Characteristics:	Recombinant human Carboxypeptidase B2 (transcript variant 1) protein expressed in HEK293 cells.	
	Produced with end-sequenced ORF clone	
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining	
Target Details		
Target:	CPB2	
Alternative Name:	Carboxypeptidase b2 (CPB2 Products)	
Background:	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	

## **Target Details**

	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.	
Molecular Weight:	45.9 kDa	
NCBI Accession:	NP_001863	
Pathways:	Regulation of Actin Filament Polymerization, Carbohydrate Homeostasis	
Application Details		
Application Notes:	Recombinant human proteins can be used for:	
	Native antigens for optimized antibody production	
	Positive controls in ELISA and other antibody assays	
Comment:	The tag is located at the C-terminal.	
Restrictions:	For Research Use only	
Handling		
Concentration:	50 μg/mL	
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.	
Storage:	-80 °C	
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.	



## **Western Blotting**

Image 1. Validation with Western Blot