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Datasheet for ABIN2715518 C4BPB Protein (Transcript Variant 1) (Myc-DYKDDDDK Tag)



Overview

Image

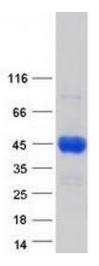
Quantity:	20 µg
Target:	C4BPB
Protein Characteristics:	Transcript Variant 1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This C4BPB protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	 Recombinant human C4b-binding protein beta (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	
Torget	

Target:	C4BPB
Alternative Name:	c4b-Binding Protein beta (C4BPB Products)
Background:	This gene encodes a member of a superfamily of proteins composed predominantly of
	tandemly arrayed short consensus repeats of approximately 60 amino acids. A single, unique
	beta-chain encoded by this gene assembles with seven identical alpha-chains into the

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Target Details

	predominant isoform of C4b-binding protein, a multimeric protein that controls activation of the complement cascade through the classical pathway. C4b-binding protein has a regulatory role in the coagulation system also, mediated through the beta-chain binding of protein S, a vitamin K-dependent protein that serves as a cofactor of activated protein C. The genes encoding both alpha and beta chains are located adjacent to each other on human chromosome 1 in the regulator of complement activation gene cluster. Alternative splicing gives rise to multiple transcript variants.
Molecular Weight:	26.2 kDa
NCBI Accession:	NP_000707
Pathways:	Complement System
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

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