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Datasheet for ABIN2724034 KCNIP4 Protein (Transcript Variant 4) (Myc-DYKDDDDK Tag)



Overview

Image

Quantity:	20 µg
Target:	KCNIP4
Protein Characteristics:	Transcript Variant 4
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KCNIP4 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	 Recombinant human KCNIP4 (transcript variant 4) 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:	KCNIP4
Alternative Name:	Kcnip4 (KCNIP4 Products)
Background:	This gene encodes a member of the family of voltage-gated potassium (Kv) channel-interacting proteins (KCNIPs), which belong to the recoverin branch of the EF-hand superfamily. Members

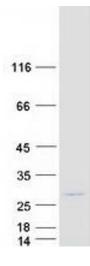
of the KCNIP family are small calcium binding proteins. They all have EF-hand-like domains,

and differ from each other in the N-terminus. They are integral subunit components of native

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	Kv4 channel complexes. They may regulate A-type currents, and hence neuronal excitability, in
	response to changes in intracellular calcium. This protein member also interacts with
	presenilin. Multiple alternatively spliced transcript variants encoding distinct isoforms have
	been identified for this gene.
Molecular Weight:	26.3 kDa
NCBI Accession:	NP_671712
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.

Images



Western Blotting

Image 1. Validation with Western Blot

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