Recombinant Human KCNIP4 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. KCNIP4-2164H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	KCNIP4 MS Standard C13 and N15-labeled recombinant protein (NP_671712) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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 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 Mass	26.3 kDa
AA Sequence	MNLEGLEMIAVLIVIVLFVKLLEQFGLIEAGLEDSVEDELEMATVRHRPEALELLEAQS KFTKKELQILYRGFKNECPSGVVNEETFKEIYSQFFPQGDSTTYAHFLFNAFDTDHN GAVSFEDFIKGLSILLRGTVQEKLNWAFNLYDINKDGYITKEEMLDIMKAIYDMMGKC TYPVLKEDAPRQHVETFFQKMDKNKDGVVTIDEFIESCQKDENIMRSMQLFENVITR

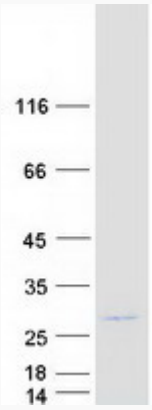
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	TRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	KCNIP4 Kv channel interacting protein 4 [Homo sapiens (human)]
Official Symbol	KCNIP4
Synonyms	KCNIP4; Kv channel interacting protein 4; Kv channel-interacting protein 4; CALP; KCHIP4; MGC44947; calsenilin-like protein; potassium channel interacting protein 4; potassium channel-interacting protein 4; a-type potassium channel modulatory protein 4;
Gene ID	80333
mRNA Refseq	NM_147183
Protein Refseq	NP_671712
MIM	608182

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UniProt ID	Q6PIL6
SDS-PAGE	

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