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Product datasheet for PH319876

KChIP2 (KCNIP2) (NM_173191) Human Mass Spec Standard

Product data:

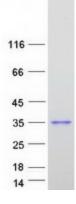
Description:KCNP2 MS Standard C13 and N15-labeled recombinant protein (NP_775283)Species:HumanExpression Host:HEK293Expression cDNACtion:RC219876Or Ad Sequence:RC219876 representing NM_173191 Red-Coloning site Green-Tags(s)Protein Sequence:RC20RSESLSSDRDLDGSYDQLTGHPPCPTKKALKQRFLKLLPCCCPQALPSVSETLAAPASLRPHRRR Red-Coloning site Green-Tags(s)Red-Coloning site Green-Tags(s)RC20RSESLSSDRDLDGSYDQLTGHPPCPTKKALKQRFLKLLPCCCPQALPSVSETLAAPASLRPHRRR Red-Coloning site Green-Tags(s)Tag:CMycQRKESLSDSRDLDGSYDQLTGHPPCPTKKALKQRFLKLLPCCCPQALPSVSETLAAPASLRPHRRR Red-Coloning site Green-Tags(s)Tag:CMycQRKESLSDSRDLDGSYDQLTGHPPCPTKKALKQRFLKLLPCCCPQALPSVSETLAAPASLRPHRRR Red-Coloning site Green-Tags(s)Tag:CMycQRKESLSDSRDLDGSYDQLTGHPPCPTKKALKQRFLKLLPCCCPQALPSVSETLAAPASLRPHRRR Red-Coloning site Green-Tags(s)Tag:CMycQRKESLSDSRDLDGSYDQLTGHPPCPTKKALKQRFLKLLPCCCPQALPSVSETLAAPASLRPHRRR Red-Coloning site Green-Tags(s)Tag:CMycQRKESLSDSRDLDGSYDQLTGHPPCPTKKALKQRFLKLLPCCCPQALPSVSETLAAPASLRPHRRR Red-Coloning site Green-Tags(s)Tag:CMycQRKESLSDSRDLDGSYDQLTGHPPCPTKKALKQRFLKLLPCCCPQALPSVSETLAAPASLRPHRRP Red-Coloning site Green-Tags(s)Tag:CMycQRKESLSDSRDLDGSYDQLTGHPPCPTKALKQRFLKLLPCCCPQALPSVSETLAAPASLRPHRRP Red-Coloning site Green-Tags(s)Tag:CMycQRKESLSDSRDLDGSYDQLTGHPPCPTKALKQRFLKLLPCCCPQALPSVSETLAAPASLRPHRRP Red-Coloning site Green-Tags(s)Tag:CMycQRKESLSDSRDLDGSYDQLTGHPCCCTag:CMycQRKESLSDSRDLDGSYDQLTGHPCCCStafferCMycQRKESLSDSRDLDGSYDQLTGHPCCCGreen-Tags(s)SMycQRKESLSDSRDLDGSYDQLTGHPCCCGreen-	Product Type:	Mass Spec Standards
Expression Host:HEK293Expression CDNA CloopRC219876Predicted MW:3.0 x DaProtein Sequence:RC219876 representing NL_173191 RedeCloning site Green=Tags(s)Protein Sequence:RKGOGRKESLSDSRDLOSSYDQLTGHPPOFTKKALKQPELKLLPCCGPQALPSYSETLAAPASLRPHRPR RedeCloning site Green=Tags(s)RKGOGRKESLSDSRDLOSSYDQLTGHPPOFTKKALKQPELKLLPCCGPQALPSYSETLAAPASLRPHRPR RedeCloning site Green=Tags(s)RKGOGRKESLSDSRDLOSSYDQLTGHPPOFTKKALKQPELKLLPCCGPQALPSYSETLAAPASLRPHRPR RedeCloning site Green=Tags(s)RKGOGRKESLSDSRDLOSSYDQLTGHPPOFTKKALKQPELKLLPCCGPQALPSYSETLAAPASLRPHRPR RedeCloning site Green=Tags(s)RKGOGRKESLSDSRDLOSSYDQLTGHPPOFTKKALKQPELKLLPCCGPQALPSYSETLAAPASLRPHRPR RedeCloning site Green=Tags(s)RKGOGRKESLSDSRDLOSSYDQLTGHPPOFTKKALKQPELKLLPCCGPQALPSYSETLAAPASLRPHRPR RedeCloning site Green=Tags(s)RKGOGRKESLSDSRDLOSSYDQLTGHPOFTKKALKQPELKLLPCCGPQALPSYSETLAAPASLRPHRPR RedeCloning site Green=Tags(s)RKGOGRKESLSDSRDLOSSYDQLTGHPOFTKKALKQPELKLPCCGPQALPSYSETLAAPASLRPHRPR RedeCloning site Green=Tags(s)RKGOGRKESLSDSRDLOSSYDQLTGHPOFTKKALKQPELKLPCCGPQALPSYSETLAAPASLRPHRPR RedeCloning site Green=Tags(s)Tag:GNUTALRELEXCLISECOLANDILDYKDDDCKVTag:QSUBRKGOGRKESLSDSRDLOSSYDQLOSSTEDFY STYTFLFNAFTONINGDUSSTEDFY STYTFLFNAFTONINGDUSSTEDFY STYTFLFNAFTONINGDUSSTEDFY STYTFLFNAFTONINGDUSSTEDFY STYTFLFNAFTONINGDUSSTEDFY STYTFLFNAFTONINGDUSSTEDFY STYTFLFNAFTONINGDUSSTEDFY STYTFLFNAFTONINGDUSSTEDFY STYTFLFNAFTONINGDUSSTEDFY STYTFLFNAFTONINGDUSSTEDFY STYTFLFNAFTONINGDUSSTEDFY STYTFLFNAFTONINGDUSSTEDFY STYTFLFNAFTONINGDUSSTEDFY STYTFLFNAFTONINGDUSSTEDFY STYTFLFNAFTONINGDUSSTEDFY STYTFLFNAFTONINGDUSSTEDFY STYTFLFNAFTONINGDUSSTEDF	Description:	KCNIP2 MS Standard C13 and N15-labeled recombinant protein (NP_775283)
Argession cDNA CloomRC219876Predicted MW:30.7 kDaProtein Sequence:RC219876 representing NM_173191 Red=Cloning site Green=Tags(s)Protein Sequence:RRGQGRKESLSDSRDLDGSYDQLTGHPPGPTKKALKQRFLKLLPCCGQALPSVSETLAAPASLRPHRPR LLDPDSVDDEFLSTVCHRPEGLEQLQQTGFTFRKELQU/URGRFMCCPSGTWEENFKQTISGFFPQCD DSSTVATFLFNAFDTNDRLNMAFNLYDDNRLNMKDGCTITEEPHEDINKSIYD wMGKYTYPALREEAPREHVESFFQKMDRNKDGVTTEEFIESCQKDENIMRSMQLFDWVITag:CMyc/DDKTag:CMyc/DDKPurity:80% as determined by SDS-PAGE and Coomassie blue stainingConcentration:9.05 µg/µL as determined by microplate BCA methodBuffer:0.05 µg/µL as determined by microplate BCA methodBuffer:0.05 µg/µL as determined by microplate BCA methodStorage:Giore at -80°C. Avoid repeated freeze-thaw cycles.Storage:Stole for 3 months from receipt of products under proper storage and handling conditions.RefSeq ORF:810RefSeq ORF:810Storage:610Storage:810Storage:810Storage:810Storage:810Storage:810Storage:810Storage:810Storage:810Storage:810Storage:810Storage:8119Storage:8119Storage:8119Storage:8119Storage:8119Storage:8119Storage:8119Storage:8119Storage:8119Storage:8119 <th>Species:</th> <th>Human</th>	Species:	Human
or AA Sequence:Predicted MW:30.7 kDaProtein Sequence:RC219876 representing NM_173191 Red=Cloning site Green=Tags(s)MRGQGRKESLSDSRDLDGSYDQLTGHPPGPTKKALKQRFLKLLPCCGPQALPSVSETLAAPASLRPHRPR LLDPDSVDDEFLSTVCHRPEGLEQLQQTKFTRKELQVLVRGFNKCDSGITWEENFKQITSQFFPQD SSTVATFLFNAFDTNDRLWAFNLODDRLWAFNLOTNKDGGITKEEMLDIMKSIDD SSTVATFLFNAFDTNDRSSVSEDFLVACLSSULRGTVDREUMKOGITSQFFPQDD SSTVATFLFNAFDTNDRSSVSEDFLVACLSSULRGTVDREUMKOGGITKEEMLDIMKSIDD SSTVATFLFNAFDTNDRSSVSEDFLVACLSSULRGTVDREUMKOGGITKEEMLDIMKSIDD SSTVATFLFNAFDTNDRSSVSEDFLVACLSSULRGTVDREUMKOFGCTSUNEENFKQITSQFFPQDD SSTVATFLFNAFDTNDRSSVSEDFUXALSSULRGTVDREUMKOGGITKEEMLDIMKSIDD SSTVATFLFNAFDTNDRSSVSEDFUXALSSULRGTVDREUMKOGGITKEEMLDIMKSIDD SSTVATFLFNAFDTNDRSSVSEDFUXALSSULRGTVDREUMKOGGITKEEMLDIMKSIDD SSTVATFLFNAFDTNDRSSVSEDFUXALSSULRGTVDREUMKAFNLOTNKOGGITKEEMLDIKSIDD SSTVATFLFNAFDTNDRSSVSEDFUXALSSULSGTVDREUMKAFNLOTNKOGGITKEEMLDIKSIDD SSTVATFLFNAFDTNDRSSVSEDFUXALSSULSGTVDREUMKAFNLOTNKOGGITKEEMLDIKSIDD SSTVATFLFNAFDTNDRSSVSEDFUXALSSULSGTVDREUMKAFNLOTSALFDATINGSGITEME SSTVATSHCLSSTEDLAANDILDYKDDDDKVTag:C-Myc/DDKTag:S80% as determined by SDS-PAGE and Coomassie blue stainingConcentration:>0.05 µg/µL as determined by microplate BCA methodLabeled with [U-13C6, 15N4]-LArginine and [U-13C6, 15N2]-L-LysineBuffer:S10 moths from receipt of products under proper storage and handling conditionsRefSeqMP. 775283RefSeq ORF:810Shorms:KCHIP2Locus ID:30819	Expression Host:	HEK293
Protein Sequence:Rc219876 representing NM_173191 Red=Cloning site Green=Tags(s)Red=Cloning site Green=Tags(s)kRed=Cloning site Green=Tags(s)kRed=Cloni	•	RC219876
Red=Cloning site Green=Tags(s)MRGQGRKESLSDSRDLDGSYDQLTGHPPGPTKKALKQRFLKLLPCCGPQALPSVSETLAAPASLRPHRPR LLDPDSVDDEFELSTVCHRPEGLEQLQEQTKFTRKELQVLYRGFKNECPSGIVNEENFKQIYSOFFPQGD SSTYATFLFNAFDTNHDGSVSFEDFVAGLSVILRGTVDDRLNWAFNLYDLNKDGCITKEEMLDIMKSIYD MMGKYTYPALREEAPREHVESFFQKMDRNKDGVVTIEEFIESCQKDENIMRSMQLFDNVITag:C-Myc/DDKPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingConcentration:> 0.05 µg/µL as determined by microplate BCA methodLabeling Method:Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-LysineBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3Storage:Store at -80°C. Avoid repeated freeze-thaw cycles.Stability:Stable for 3 months from receipt of products under proper storage and handling conditions.RefSeq Size:2563RefSeq ORF:810Synonyms:KCHIP2Locus ID:30819	Predicted MW:	30.7 kDa
LLDPDSVDDEFELSTVCHRPEGLEQLQEQTKFTRKELQVLYRGFKNECPSGIVNEENFKQIYSQFFPQGD SSTYATFLENAFDTNHDGSVSFEDFVAGLSVILRGTVDDRLNWAFNLYDLNKDGCITKEEMLDIMKSIYD MMGKYTYPALREEAPREHVESFFQKMDRNKDGVTIEEFIESCQKDENIMRSMQLFDNVITag:C-Myc/DDKTag:C-Myc/DDKPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingConcentration:> 0.05 µg/µL as determined by microplate BCA methodLabeling Method:Labeled with [U-13C6, 15N4]-L-Arginine and [U-13C6, 15N2]-L-LysineBuffer:25 mM Tris-HCI, 100 mM glycine, pH 7.3Storage:Store at -80°C. Avoid repeated freeze-thaw cycles.Stability:Stable for 3 months from receipt of products under proper storage and handling conditions.RefSeq Size:2563RefSeq ORF:810Synonyms:KCHIP2Locus ID:30819	Protein Sequence:	
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RefSeq: NP 775283 RefSeq Size: 2563 RefSeq ORF: 810 Synonyms: KCHIP2 Locus ID: 30819	Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
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Synonyms: KCHIP2 Locus ID: 30819	RefSeq Size:	2563
Locus ID: 30819	RefSeq ORF:	810
	Synonyms:	KCHIP2
UniProt ID: Q9NS61, B3KSZ5	Locus ID:	30819
	UniProt ID:	<u>Q9NS61</u> , <u>B3KSZ5</u>



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	KChIP2 (KCNIP2) (NM_173191) Human Mass Spec Standard – PH319876
Cytogenetics:	10q24.32
Summary:	This gene encodes a member of the family of voltage-gated potassium (Kv) channel- interacting proteins (KCNIPs), which belongs 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. Multiple alternatively spliced transcript variants encoding distinct isoforms have been identified from this gene. [provided by RefSeq, Jul 2008]
Protein Families	: Druggable Genome, Ion Channels: Other

Product images:



Coomassie blue staining of purified KCNIP2 protein (Cat# [TP319876]). The protein was produced from HEK293T cells transfected with KCNIP2 cDNA clone (Cat# [RC219876]) using MegaTran 2.0 (Cat# [TT210002]).

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