

Product datasheet for PH324492

CSEN (KCNIP3) (NM_001034914) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	KCNIP3 MS Standard C13 and N15-labeled recombinant protein (NP_001030086)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC224492
Predicted MW:	26.2 kDa
Protein Sequence:	>RC224492 representing NM_001034914 Red=Cloning site Green=Tags(s) MGIQGMELCAMAVVLLFIAVLKQFGILEPISMEDSSDSELELSTVRHQPEGLDQLQAQTKFTKKELQSL YRGFKNECPTGLVDEDTFKLIYAQFFPQGDATTYAHFLFNAFDADGNGAIHFEDFVVGLSILLRGTVHEK LKWAFNLYDINKDGYITKEEMLAIMKSIYDMMGRHTYPILREDAPAEHVERFFEKMDRNQDGVVTIEEFL EACQKDENIMSSMQLFENVI TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	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:	NP_001030086
RefSeq Size:	2735
RefSeq ORF:	690
Synonyms:	CSEN; DREAM; KCHIP3
Locus ID:	30818
UniProt ID:	Q9Y2W7



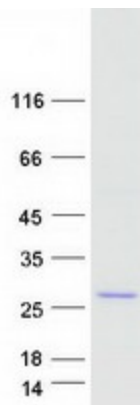
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Cytogenetics: 2q11.1

Summary: This gene encodes a member of the family of voltage-gated potassium (Kv) channel-interacting proteins, which belong to the recoverin branch of the EF-hand superfamily. Members of this family are small calcium binding proteins containing EF-hand-like domains. They are integral subunit components of native Kv4 channel complexes that may regulate A-type currents, and hence neuronal excitability, in response to changes in intracellular calcium. The encoded protein also functions as a calcium-regulated transcriptional repressor, and interacts with presenilins. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Transcription Factors, Transmembrane

Product images:



Coomassie blue staining of purified KCNIP3 protein (Cat# [TP324492]). The protein was produced from HEK293T cells transfected with KCNIP3 cDNA clone (Cat# [RC224492]) using MegaTran 2.0 (Cat# [TT210002]).