

Product datasheet for **TP324492**

CSEN (KCNIP3) (NM_001034914) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human Kv channel interacting protein 3, calsenilin (KCNIP3), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC224492 representing NM_001034914 Red =Cloning site Green =Tags(s)
	 MGIQGMELCAMAVVLLFIAVLKQFGILEPISMEDSSDSELELSTVRHQPEGLDQLQAQTKFTKKELQSL YRGFKNECPTGLVDEDTFKLIYAQFFPQGDATTYAHFLFNAFDADGNGAIHFEDFVVGLSILLRGTVHEK LKWAFNLYDINKDGYITKEEMLAIMKSIYDMMGRHTYPILREDAPAEHVERFFEKMDRNQDGVWTIEEFL EACQKDENIMSSMQLFENVI TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	26.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001030086
Locus ID:	30818



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UniProt ID: [Q9Y2W7](#)
RefSeq Size: 2735
Cytogenetics: 2q11.1
RefSeq ORF: 690
Synonyms: CSEN; DREAM; KCHIP3

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]).