

Product datasheet for **TP303957**

CSEN (KCNIP3) (NM_013434) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human Kv channel interacting protein 3, calsenilin (KCNIP3), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203957 protein sequence Red =Cloning site Green =Tags(s)
	<p>MQPAKEVTKASDGSLLGDLGHTPLSKKEGIKWQRPRLSRQALMRCCLVKWILSSTAPQGS DSSDSELELS TVRHQPEGLDQLQAQTKFTKKELQSLYRGFKNECPTGLVDEDTFKLIYAQFFPQGDATTYAHFLFNAFDA DGNGAHFEDFVGLSILLRGTVHEKWKWAFNLYDINKDGYITKEEMLAIMKSIYDMMGRHTYPILREDA PAEHVERFFEKMDRNQDGVVTIEEFLEACQKDENIMSSMLFENVI</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	29.1 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:	<u>NP_038462</u>
Locus ID:	30818



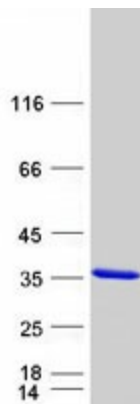
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UniProt ID: [Q9Y2W7](#), [A0A024RE22](#)
RefSeq Size: 2928
Cytogenetics: 2q11.1
RefSeq ORF: 768
Synonyms: CSEN; DREAM; KCHIP3

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# TP303957). The protein was produced from HEK293T cells transfected with KCNIP3 cDNA clone (Cat# [RC203957]) using MegaTran 2.0 (Cat# [TT210002]).