

Product datasheet for TP324492

OriGene Technologies, Inc.

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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 >RC224492 representing NM_001034914

or AA Sequence: Red=Cloning site Green=Tags(s)

MGIQGMELCAMAVVVLLFIAVLKQFGILEPISMEDSSDSELELSTVRHQPEGLDQLQAQTKFTKKELQSL YRGFKNECPTGLVDEDTFKLIYAQFFPQGDATTYAHFLFNAFDADGNGAIHFEDFVVGLSILLRGTVHEK LKWAFNLYDINKDGYITKEEMLAIMKSIYDMMGRHTYPILREDAPAEHVERFFEKMDRNQDGVVTIEEFL

EACQKDENIMSSMQLFENVI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 26.2 kDa

Concentration: $>0.05 \mu g/\mu L$ 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:Q9Y2W7RefSeq Size:2735Cytogenetics:2q11.1RefSeq ORF:690

Synonyms: CSEN; DREAM; KCHIP3

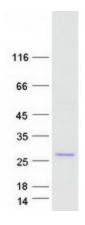
Summary: This gene encodes a member of the family of voltage-gated potassium (Kv) channel-

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]).