

Product datasheet for RC203957L3V

OriGene Technologies, Inc.

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CSEN (KCNIP3) (NM_013434) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: CSEN (KCNIP3) (NM 013434) Human Tagged ORF Clone Lentiviral Particle

Symbol: CSEN

Synonyms: CSEN; DREAM; KCHIP3

Mammalian Cell

Selection:

Puromycin

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

Tag: Myc-DDK
ACCN: NM 013434

ORF Size: 768 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC203957).

OTI Disclaimer:

Sequence:

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

RefSeg: NM 013434.3

 RefSeq Size:
 2928 bp

 RefSeq ORF:
 771 bp

 Locus ID:
 30818

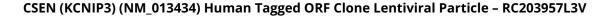
 UniProt ID:
 Q9Y2W7

 Cytogenetics:
 2q11.1

Protein Families: Druggable Genome, Transcription Factors, Transmembrane

MW: 29.2 kDa







Gene 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]