

Product datasheet for **RC224492L4V**

CSEN (KCNIP3) (NM_001034914) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CSEN (KCNIP3) (NM_001034914) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CSEN
Synonyms:	CSEN; DREAM; KCHIP3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001034914
ORF Size:	690 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224492).
OTI Disclaimer:	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.
RefSeq:	NM_001034914.1
RefSeq Size:	2735 bp
RefSeq ORF:	693 bp
Locus ID:	30818
UniProt ID:	Q9Y2W7
Cytogenetics:	2q11.1
Protein Families:	Druggable Genome, Transcription Factors, Transmembrane
MW:	26.2 kDa



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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]