Product datasheet for RC230925L3V

CAMTA1 (NM_001195563) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CAMTA1 (NM_001195563) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CAMTA1
Synonyms:	CANPMR
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001195563
ORF Size:	240 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC230925).
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_001195563.1
RefSeq ORF:	243 bp
Locus ID:	23261
UniProt ID:	Q9Y6Y1
Cytogenetics:	1p36.31-p36.23
Protein Families:	Transcription Factors
MW:	9.6 kDa

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Gene Summary: The protein encoded by this gene contains a CG1 DNA-binding domain, a transcription factor immunoglobulin domain, ankyrin repeats, and calmodulin-binding IQ motifs. The encoded protein is thought to be a transcription factor and may be a tumor suppressor. However, a translocation event is sometimes observed between this gene and the WWTR1 gene, with the resulting WWTR1-CAMTA1 oncoprotein leading to epithelioid hemangioendothelioma, a malignant vascular cancer. [provided by RefSeq, Mar 2017]