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Product datasheet for RC202821L2V

VRL1 (TRPV2) (NM_016113) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	VRL1 (TRPV2) (NM_016113) Human Tagged ORF Clone Lentiviral Particle
Symbol:	VRL1
Synonyms:	VRL; VRL-1; VRL1
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_016113
ORF Size:	2292 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202821).
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_016113.3
RefSeq Size:	2797 bp
RefSeq ORF:	2295 bp
Locus ID:	51393
UniProt ID:	Q9Y5S1
Cytogenetics:	17p11.2
Domains:	ANK, ion_trans
Protein Families:	Druggable Genome, Ion Channels: Transient receptor potential, Transmembrane

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MW: 85.8 kDa

Gene Summary: This gene encodes an ion channel that is activated by high temperatures above 52 degrees Celsius. The protein may be involved in transduction of high-temperature heat responses in sensory ganglia. It is thought that in other tissues the channel may be activated by stimuli other than heat. [provided by RefSeq, Jul 2008]