

Product datasheet for **MR210490L3V**

Trpv2 (NM_011706) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Trpv2 (NM_011706) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Trpv2
Synonyms:	GRC; OTRPC2; VRL-1; Vrl1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_011706
ORF Size:	2268 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR210490).
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_011706.2 , NP_035836.2
RefSeq Size:	2751 bp
RefSeq ORF:	2271 bp
Locus ID:	22368
UniProt ID:	Q9WTR1
Cytogenetics:	11 B2



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Gene Summary:

Calcium-permeable, non-selective cation channel with an outward rectification. Seems to be regulated, at least in part, by IGF-I, PDGF and neuropeptide head activator. May transduce physical stimuli in mast cells. Activated by temperatures higher than 52 degrees Celsius; is not activated by vanilloids and acidic pH.[UniProtKB/Swiss-Prot Function]