

Product datasheet for **MR225311L2V**

Trpc6 (NM_013838) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Trpc6 (NM_013838) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Trpc6
Synonyms:	AV025995; LLHWJM002; LLHWJM003; LLHWJM004; mtrp6; TRP-6; Trrp6
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_013838
ORF Size:	2790 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR225311).
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_013838.2 , NP_038866.2
RefSeq Size:	3259 bp
RefSeq ORF:	2793 bp
Locus ID:	22068
UniProt ID:	Q61143
Cytogenetics:	9 2.46 cM



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Gene Summary:

Thought to form a receptor-activated non-selective calcium permeant cation channel. Probably is operated by a phosphatidylinositol second messenger system activated by receptor tyrosine kinases or G-protein coupled receptors. Activated by diacylglycerol (DAG) in a membrane-delimited fashion, independently of protein kinase C. Seems not to be activated by intracellular calcium store depletion.[UniProtKB/Swiss-Prot Function]