

Product datasheet for **MR225260L4V**

Trpc1 (NM_011643) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Trpc1 (NM_011643) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Trpc1
Synonyms:	Mtrp1; Trp1; Trrp1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_011643
ORF Size:	2427 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR225260).
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_011643.2 , NP_035773.1
RefSeq Size:	3014 bp
RefSeq ORF:	2430 bp
Locus ID:	22063
UniProt ID:	Q61056
Cytogenetics:	9 50.2 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. Seems to be also activated by intracellular calcium store depletion.[UniProtKB/Swiss-Prot Function]