

Product datasheet for **MR223050L3V**

Trpm1 (NM_001039104) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Trpm1 (NM_001039104) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Trpm1
Synonyms:	4732499L03Rik; AI606771; Ltrpc1; Mlsn1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001039104
ORF Size:	4866 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR223050).
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_001039104.2 , NP_001034193.2
RefSeq Size:	5711 bp
RefSeq ORF:	4869 bp
Locus ID:	17364
UniProt ID:	Q2TV84
Cytogenetics:	7 34.61 cM



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Gene Summary:

Cation channel essential for the depolarizing photoresponse of retinal ON bipolar cells. It is part of the GRM6 signaling cascade. Calcium channel which may play a role in metastasis suppression. May act as a spontaneously active, calcium-permeable plasma membrane channel.[UniProtKB/Swiss-Prot Function]