

Product datasheet for **MR225379L4V**

Trpv3 (NM_145099) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Trpv3 (NM_145099) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Trpv3
Synonyms:	1110036I10Rik; AI644701; Nh; VRL3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_145099
ORF Size:	2373 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR225379).
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_145099.2 , NP_659567.2
RefSeq Size:	2440 bp
RefSeq ORF:	2376 bp
Locus ID:	246788
UniProt ID:	Q8K424
Cytogenetics:	11 45.25 cM



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Gene Summary:

Putative receptor-activated non-selective calcium permeant cation channel. It is activated by innocuous (warm) temperatures and shows an increased response at noxious temperatures greater than 39 degrees Celsius. Activation exhibits an outward rectification. May associate with TRPV1 and may modulate its activity. Is a negative regulator of hair growth and cycling: TRPV3-coupled signaling suppresses keratinocyte proliferation in hair follicles and induces apoptosis and premature hair follicle regression (catagen) (By similarity).[UniProtKB/Swiss-Prot Function]