

## Product datasheet for **RC216888L3V**

### TRPM4 (NM\_017636) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	TRPM4 (NM_017636) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TRPM4
Synonyms:	EKVP6; hTRPM4; LTrpC4; PFHB1B; TRPM4B
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_017636
ORF Size:	3642 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC216888).
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. <a href="#">More info</a>
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:	<a href="#">NM_017636.2</a>
RefSeq Size:	4061 bp
RefSeq ORF:	3645 bp
Locus ID:	54795
UniProt ID:	<a href="#">Q8TD43</a>
Cytogenetics:	19q13.33
Protein Families:	Druggable Genome, Ion Channels: Transient receptor potential, Transmembrane
MW:	134.1 kDa



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**Gene Summary:**

The protein encoded by this gene is a calcium-activated nonselective ion channel that mediates transport of monovalent cations across membranes, thereby depolarizing the membrane. The activity of the encoded protein increases with increasing intracellular calcium concentration, but this channel does not transport calcium. [provided by RefSeq, Mar 2016]