

## Product datasheet for **MR213249L3V**

### **Tmem175 (NM\_028223) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Tmem175 (NM_028223) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Tmem175
Synonyms:	3010001K23Rik; AI504381; mTMEM175
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_028223
ORF Size:	1497 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR213249).
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_028223.3</a> , <a href="#">NP_082499.3</a>
RefSeq Size:	3073 bp
RefSeq ORF:	1500 bp
Locus ID:	72392
UniProt ID:	<a href="#">Q9CXY1</a>
Cytogenetics:	5 F



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**Gene Summary:**

Organelle-specific potassium channel specifically responsible for potassium conductance in endosomes and lysosomes. Forms a potassium-permeable leak-like channel, which regulates luminal pH stability and is required for autophagosome-lysosome fusion. Constitutes the major lysosomal potassium channel.[UniProtKB/Swiss-Prot Function]