

Product datasheet for **MR223526L4V**

Tmem27 (NM_020626) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Tmem27 (NM_020626) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Tmem27
Synonyms:	0610008J07Rik; NX-17; NX17
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_020626
ORF Size:	666 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR223526).
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_020626.2 , NP_065651.1
RefSeq Size:	1262 bp
RefSeq ORF:	669 bp
Locus ID:	57394
UniProt ID:	Q9ESG4
Cytogenetics:	X F5



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Gene Summary:

Plays an important role in amino acid transport by acting as binding partner of amino acid transporters SLC6A18 and SLC6A19, regulating their trafficking on the cell surface and their activity (PubMed:17167413). Regulator of SNARE complex function (PubMed:16330323). Stimulator of beta cell replication (PubMed:16330324).[UniProtKB/Swiss-Prot Function]