

Product datasheet for **MR202429L4V**

Vti1a (NM_016862) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Vti1a (NM_016862) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Vti1a
Synonyms:	1110014F16Rik; 1110018K19Rik; 4921537J05Rik; MVti1; MVti1a; Vti1; Vti1-rp2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_016862
ORF Size:	654 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR202429).
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_016862.2 , NP_058558.1
RefSeq Size:	4599 bp
RefSeq ORF:	654 bp
Locus ID:	53611
UniProt ID:	O89116
Cytogenetics:	19 D2



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Gene Summary:

V-SNARE that mediates vesicle transport pathways through interactions with t-SNAREs on the target membrane. These interactions are proposed to mediate aspects of the specificity of vesicle trafficking and to promote fusion of the lipid bilayers. Involved in vesicular transport from the late endosomes to the trans-Golgi network. Along with VAMP7, involved in a non-conventional RAB1-dependent traffic route to the cell surface used by KCNIP1 and KCND2. May be concerned with increased secretion of cytokines associated with cellular senescence. [UniProtKB/Swiss-Prot Function]