

Product datasheet for **MR221554L4V**

Vgll2 (NM_153786) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Vgll2 (NM_153786) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Vgll2
Synonyms:	C130057C21 Rik; Vgl; vgl-2; Vi; VIT; VITO-1; Vito1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_153786
ORF Size:	966 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR221554).
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_153786.1
RefSeq Size:	1483 bp
RefSeq ORF:	969 bp
Locus ID:	215031
UniProt ID:	Q8BGW8
Cytogenetics:	10 B3



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Gene Summary:

This gene is a member of the Vestigial-like (Vgl) gene family and is upregulated during muscle differentiation. The product of this gene interacts with and modifies the DNA-binding properties of the transcription factor, TEF-1, and is important for muscle tissue development. Reduced expression of this gene leads to a reduction in the terminal differentiation of muscle cells. Alternate splicing results in multiple protein isoforms. [provided by RefSeq, Jul 2014]