

Product datasheet for **MR211317L4V**

Trim37 (NM_197987) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Trim37 (NM_197987) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Trim37
Synonyms:	1110032A10Rik; 2810004E07Rik; AI848587; AU043018; MU; MUL; TEF3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_197987
ORF Size:	2886 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211317).
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_197987.1 , NP_932104.1
RefSeq Size:	5637 bp
RefSeq ORF:	2886 bp
Locus ID:	68729
UniProt ID:	Q6PCX9
Cytogenetics:	11 C



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Gene Summary:

The protein encoded by this gene is part of the tripartite-motif containing family (TRIM), which is typified by the RING, B-box type 1, B-box type 2, and coiled-coil region domains. In mouse this protein is proposed to oligomerize through its coiled coil domain and has been reported to be expressed in neural crest-derived tissues as well as in tissues whose development is regulated by mesenchymal-epithelial interactions. In humans, mutations in this gene are associated with mulibrey (muscle-liver-brain-eye) nanism, an autosomal recessive disorder characterized by prenatal onset growth failure, cardiomyopathy and dysmorphic features. [provided by RefSeq, Jan 2013]