

Product datasheet for **MR221703L4V**

Plod2 (NM_001142916) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Plod2 (NM_001142916) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Plod2
Synonyms:	D530025C14Rik; LH2; Plod-2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001142916
ORF Size:	2274 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR221703).
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_001142916.1 , NP_001136388.1
RefSeq Size:	3719 bp
RefSeq ORF:	2277 bp
Locus ID:	26432
UniProt ID:	Q9R0B9
Cytogenetics:	9 48.4 cM
Gene Summary:	Forms hydroxylysine residues in -Xaa-Lys-Gly- sequences in collagens. These hydroxylysines serve as sites of attachment for carbohydrate units and are essential for the stability of the intermolecular collagen cross-links.[UniProtKB/Swiss-Prot Function]



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