

Product datasheet for **MR218634L4V**

Amacr (NM_008537) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Amacr (NM_008537) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Amacr
Synonyms:	Macr1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_008537
ORF Size:	1143 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR218634).
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_008537.4 , NP_032563.2
RefSeq Size:	2575 bp
RefSeq ORF:	1146 bp
Locus ID:	17117
UniProt ID:	O09174
Cytogenetics:	15 A1



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Gene Summary:

Catalyzes the interconversion of (R)- and (S)-stereoisomers of alpha-methyl-branched-chain fatty acyl-CoA esters (By similarity). Acts only on coenzyme A thioesters, not on free fatty acids, and accepts as substrates a wide range of alpha-methylacyl-CoAs, including pristanoyl-CoA, trihydroxycoprostanoyl-CoA (an intermediate in bile acid synthesis), and arylpropionic acids like the anti-inflammatory drug ibuprofen (2-(4-isobutylphenyl)propionic acid) but neither 3-methyl-branched nor linear-chain acyl-CoAs (By similarity).[UniProtKB/Swiss-Prot Function]