

Product datasheet for **MR209248L4V**

Acot11 (NM_025590) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Acot11 (NM_025590) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Acot11
Synonyms:	1110020M10Rik; 2010309H15Rik; AW060409; BFIT; BFIT1; mKIAA0707; Thea; Them1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_025590
ORF Size:	1785 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR209248).
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_025590.3 , NP_079866.2
RefSeq Size:	5668 bp
RefSeq ORF:	1785 bp
Locus ID:	329910
UniProt ID:	Q8VHQ9
Cytogenetics:	4 C7



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Gene Summary:

Has an acyl-CoA thioesterase activity with a preference for the long chain fatty acyl-CoA thioesters hexadecanoyl-CoA/palmitoyl-CoA and tetradecanoyl-CoA/myristoyl-CoA which are the main substrates in the mitochondrial beta-oxidation pathway.[UniProtKB/Swiss-Prot Function]