

Product datasheet for **MR211618L4V**

Acly (NM_134037) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Acly (NM_134037) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Acly
Synonyms:	A730098H14Rik; AW538652
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_134037
ORF Size:	3273 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211618).
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_134037.3 , NP_598798.1
RefSeq Size:	4408 bp
RefSeq ORF:	3276 bp
Locus ID:	104112
UniProt ID:	Q91V92
Cytogenetics:	11 D



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Gene Summary:

ATP-citrate synthase is the primary enzyme responsible for the synthesis of cytosolic acetyl-CoA in many tissues. Has a central role in de novo lipid synthesis (PubMed:25450640). In nervous tissue it may be involved in the biosynthesis of acetylcholine (By similarity) (PubMed:25450640).[UniProtKB/Swiss-Prot Function]