

Product datasheet for **MR216854L4V**

Sarm1 (NM_001168521) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Sarm1 (NM_001168521) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Sarm1
Synonyms:	A830091115Rik; C78606; MyD885; Sarm
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001168521
ORF Size:	2292 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR216854).
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_001168521.1 , NP_001161993.1
RefSeq Size:	5164 bp
RefSeq ORF:	2295 bp
Locus ID:	237868
UniProt ID:	Q6PDS3
Cytogenetics:	11 46.74 cM



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Gene Summary:

Negative regulator of MYD88- and TRIF-dependent toll-like receptor signaling pathway which plays a pivotal role in activating axonal degeneration following injury. Promotes Wallerian degeneration an injury-induced axonal death pathway which involves degeneration of an axon distal to the injury site. Can activate neuronal death in response to stress. Regulates dendritic arborization through the MAPK4-JNK pathway. Involved in innate immune response. Inhibits both TICAM1/TRIF- and MYD88-dependent activation of JUN/AP-1, TRIF-dependent activation of NF-kappa-B and IRF3, and the phosphorylation of MAPK14/p38. Can restrict West Nile virus (WNV) pathogenesis.[UniProtKB/Swiss-Prot Function]