

## Product datasheet for **RC215903L1V**

### **SARM (SARM1) (NM\_015077) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

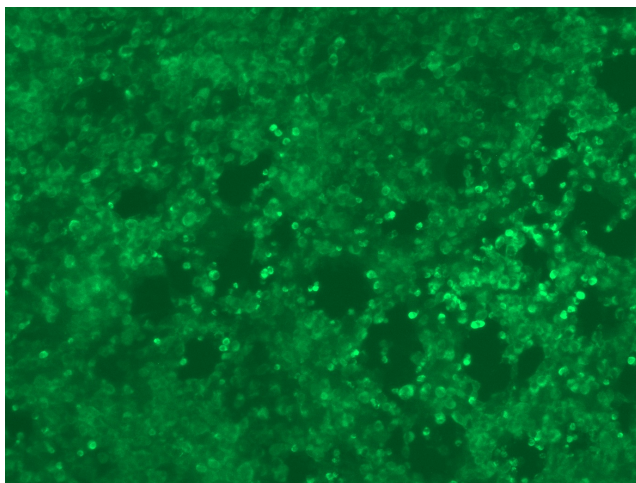
Product Type:	Lentiviral Particles
Product Name:	SARM (SARM1) (NM_015077) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SARM
Synonyms:	hSARM1; HsTIR; MyD88-5; SAMD2; SARM
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_015077
ORF Size:	2172 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC215903).
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. <a href="#">More info</a>
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:	<a href="#">NM_015077.2</a>
RefSeq Size:	7001 bp
RefSeq ORF:	2175 bp
Locus ID:	23098
UniProt ID:	<a href="#">Q6SZW1</a>
Cytogenetics:	17q11.2
Domains:	TIR, SAM
Protein Families:	Druggable Genome


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**MW:** 79.2 kDa

**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.  
[UniProtKB/Swiss-Prot Function]

**Product images:**



[RC215903L1] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC215903L1V particle to overexpress human SARM1-Myc-DDK fusion protein.