

## Product datasheet for **MR216726L3V**

### **Acvr1c (NM\_001033369) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Acvr1c (NM_001033369) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Acvr1c
Synonyms:	ACTR-IC; ACVRLK7; Alk-7; ALK7; C230097P10
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001033369
ORF Size:	1089 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR216726).
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_001033369.3</a> , <a href="#">NP_001028541.1</a>
RefSeq Size:	8666 bp
RefSeq ORF:	1092 bp
Locus ID:	269275
Cytogenetics:	2 C1.1



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**Gene Summary:**

Serine/threonine protein kinase which forms a receptor complex on ligand binding. The receptor complex consisting of 2 type II and 2 type I transmembrane serine/threonine kinases. Type II receptors phosphorylate and activate type I receptors which autophosphorylate, then bind and activate SMAD transcriptional regulators, SMAD2 and SMAD3. Receptor for activin AB, activin B and NODAL. Plays a role in cell differentiation, growth arrest and apoptosis.[UniProtKB/Swiss-Prot Function]