

Product datasheet for **MR208074L4V**

Acvr11 (NM_009612) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Acvr11 (NM_009612) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Acvr11
Synonyms:	Acvr1k1; AI115505; AI427544; Alk1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_009612
ORF Size:	1509 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR208074).
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_009612.2 , NP_033742.2
RefSeq Size:	3640 bp
RefSeq ORF:	1509 bp
Locus ID:	11482
UniProt ID:	Q61288
Cytogenetics:	15 F1



[View online »](#)

Gene Summary:

Type I receptor for TGF-beta family ligands BMP9/GDF2 and BMP10 and important regulator of normal blood vessel development. On ligand binding, forms a receptor complex consisting of two type II and two type I transmembrane serine/threonine kinases. Type II receptors phosphorylate and activate type I receptors which autophosphorylate, then bind and activate SMAD transcriptional regulators. May bind activin as well.[UniProtKB/Swiss-Prot Function]