

Product datasheet for **MR218013L4V**

Arap1 (NM_001040112) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Arap1 (NM_001040112) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Arap1
Synonyms:	2410002L19Rik; Centd2; mKIAA0782
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001040112
ORF Size:	4323 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR218013).
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_001040112.1
RefSeq Size:	5314 bp
RefSeq ORF:	3582 bp
Locus ID:	69710
UniProt ID:	Q4LDD4
Cytogenetics:	7 E2



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Gene Summary:

Phosphatidylinositol 3,4,5-trisphosphate-dependent GTPase-activating protein that modulates actin cytoskeleton remodeling by regulating ARF and RHO family members. Is activated by phosphatidylinositol 3,4,5-trisphosphate (PtdIns(3,4,5)P3) binding. Can be activated by phosphatidylinositol 3,4-bisphosphate (PtdIns(3,4,5)P2) binding, albeit with lower efficiency. Has a preference for ARF1 and ARF5 (By similarity).[UniProtKB/Swiss-Prot Function]