

Product datasheet for **MR211708L4V**

Asap1 (NM_010026) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Asap1 (NM_010026) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Asap1
Synonyms:	AV239055; Ddef1; DEF-1; mKIAA1249; PAP; s19
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_010026
ORF Size:	3441 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211708).
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_010026.3 , NP_034156.2
RefSeq Size:	6281 bp
RefSeq ORF:	3444 bp
Locus ID:	13196
UniProt ID:	Q9QWY8
Cytogenetics:	15 D1



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Gene Summary:

May function as a signal transduction protein involved in the differentiation of fibroblasts into adipocytes and possibly other cell types. Plays a role in ciliogenesis (By similarity). Possesses phosphatidylinositol 4,5-bisphosphate-dependent GTPase-activating protein activity for ARF1 (ADP ribosylation factor 1) and ARF5 and a lesser activity towards ARF6. May coordinate membrane trafficking with cell growth or actin cytoskeleton remodeling by binding to both SRC and PIP2.[UniProtKB/Swiss-Prot Function]