

## Product datasheet for **RC222379L3V**

### **AIP1 (MAGI2) (NM\_012301) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	AIP1 (MAGI2) (NM_012301) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MAGI2
Synonyms:	ACVRIP1; AIP-1; AIP1; ARIP1; MAGI-2; NPHS15; SSCAM
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_012301
ORF Size:	4365 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC222379).
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_012301.3</a>
RefSeq Size:	6880 bp
RefSeq ORF:	4368 bp
Locus ID:	9863
UniProt ID:	<a href="#">Q86UL8</a>
Cytogenetics:	7q21.11
Protein Families:	Druggable Genome
Protein Pathways:	Tight junction



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**MW:** 158.6 kDa

**Gene Summary:** The protein encoded by this gene interacts with atrophin-1. Atrophin-1 contains a polyglutamine repeat, expansion of which is responsible for dentatorubral and pallidolusian atrophy. This encoded protein is characterized by two WW domains, a guanylate kinase-like domain, and multiple PDZ domains. It has structural similarity to the membrane-associated guanylate kinase homologue (MAGUK) family. [provided by RefSeq, Jul 2008]