

Product datasheet for **MR216472L3V**

Magi2 (NM_001170745) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Magi2 (NM_001170745) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Magi2
Synonyms:	Acvri1; Acvrinp1; Acvrip1; AIP-1; Magi-2; mKIAA0705; S-SCAM
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001170745
ORF Size:	3294 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR216472).
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_001170745.1 , NP_001164216.1
RefSeq Size:	6557 bp
RefSeq ORF:	3297 bp
Locus ID:	50791
UniProt ID:	Q9WVQ1
Cytogenetics:	5 A3



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Gene Summary:

Seems to act as scaffold molecule at synaptic junctions by assembling neurotransmitter receptors and cell adhesion proteins. Plays a role in nerve growth factor (NGF)-induced recruitment of RAPGEF2 to late endosomes and neurite outgrowth. May play a role in regulating activin-mediated signaling in neuronal cells. Enhances the ability of PTEN to suppress AKT1 activation (By similarity).[UniProtKB/Swiss-Prot Function]