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Product datasheet for RC222718L4V

MAD1 (MAD1L1) (NM_001013836) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	MAD1 (MAD1L1) (NM_001013836) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MAD1
Synonyms:	MAD1; PIG9; TP53I9; TXBP181
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001013836
ORF Size:	2154 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC222718).
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_001013836.1
RefSeq Size:	2717 bp
RefSeq ORF:	2157 bp
Locus ID:	8379
UniProt ID:	Q9Y6D9
Cytogenetics:	7p22.3
Protein Families:	Druggable Genome
Protein Pathways:	Cell cycle

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MW: 83.1 kDa

Gene Summary: MAD1L1 is a component of the mitotic spindle-assembly checkpoint that prevents the onset of anaphase until all chromosome are properly aligned at the metaphase plate. MAD1L1 functions as a homodimer and interacts with MAD2L1. MAD1L1 may play a role in cell cycle control and tumor suppression. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2015]