

Product datasheet for **RC214790L3V**

MAML1 (NM_014757) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	MAML1 (NM_014757) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MAML1
Synonyms:	Mam-1; Mam1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_014757
ORF Size:	3048 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214790).
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_014757.3
RefSeq Size:	5745 bp
RefSeq ORF:	3051 bp
Locus ID:	9794
UniProt ID:	Q92585
Cytogenetics:	5q35.3
Protein Pathways:	Notch signaling pathway
MW:	107.9 kDa



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Gene Summary:

This protein is the human homolog of mastermind, a Drosophila protein that plays a role in the Notch signaling pathway involved in cell-fate determination. There is in vitro evidence that the human homolog forms a complex with the intracellular portion of human Notch receptors and can increase expression of a Notch-induced gene. This evidence supports its proposed function as a transcriptional co-activator in the Notch signaling pathway. [provided by RefSeq, Jul 2008]