

Product datasheet for **MR222560L4V**

Mecom (NM_007963) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Mecom (NM_007963) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Mecom
Synonyms:	D630039M04Rik; Evi-1; Evi1; Jbo; Mds; Mds1; Mds1-Evi1; Prdm3; Znfpr1b1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_007963
ORF Size:	2154 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR222560).
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_007963.2 , NP_031989.2
RefSeq Size:	4429 bp
RefSeq ORF:	2157 bp
Locus ID:	14013
Cytogenetics:	3 12.66 cM



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Gene Summary:

Isoform 1: Functions as a transcriptional regulator binding to DNA sequences in the promoter region of target genes and regulating positively or negatively their expression. Oncogene which plays a role in development, cell proliferation and differentiation. May also play a role in apoptosis through regulation of the JNK and TGF-beta signaling. Involved in hematopoiesis. [UniProtKB/Swiss-Prot Function]