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Product datasheet for MR223095L2V

Zeb1 (NM_011546) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Zeb1 (NM_011546) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Zeb1
Synonyms:	3110032K11Rik; AREB6; BZP; MEB1; Nil2; TCF-8; Tcf8; Tcf18; Tw; ZEB; Zfhep; Zfhx1a; Zfx1a; Zfx1ha
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_011546
ORF Size:	3354 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR223095).
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_011546.2, NP_035676.1
RefSeq Size:	5806 bp
RefSeq ORF:	3354 bp
Locus ID:	21417
UniProt ID:	Q64318
Cytogenetics:	18 A1

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Gene Summary: Acts as a transcriptional repressor. Binds to E-box sequences in the immunoglobulin heavy chain enhancer as well as in the regulatory regions of many other tissue-specific genes. Represses E-cadherin promoter and induces an epithelial-mesenchymal transition (EMT) by recruiting SMARCA4/BRG1. Represses BCL6 transcription in the presence of the corepressor CTBP1 (By similarity). Positively regulates neuronal differentiation. Represses RCOR1 transcription activation during neurogenesis. Represses transcription by binding to the E box (5'-CANNTG-3'). Promotes tumorigenicity by repressing stemness-inhibiting microRNAs. [UniProtKB/Swiss-Prot Function]