

Product datasheet for **MR219806L4V**

Rreb1 (NM_001177868) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Rreb1 (NM_001177868) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Rreb1
Synonyms:	1110037N09Rik; AA414966; B930013M22Rik
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001177868
ORF Size:	3873 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR219806).
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_001177868.1 , NP_001171339.1
RefSeq Size:	7198 bp
RefSeq ORF:	3876 bp
Locus ID:	68750
UniProt ID:	Q3UH06
Cytogenetics:	13 A3.3


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Gene Summary:

Transcription factor that binds specifically to the RAS-responsive elements (RRE) of gene promoters. May be involved in Ras/Raf-mediated cell differentiation by enhancing calcitonin expression. Represses the angiotensinogen gene. Negatively regulates the transcriptional activity of AR. Potentiates the transcriptional activity of NEUROD1 (By similarity). Binds specifically to the allelic variant of the CDKN2A promoter present in Balb/c mice, which leads to a down-regulation of CDKN2A expression in this strain, and, as a consequence, to an elevated susceptibility to pristane-induced tumors.[UniProtKB/Swiss-Prot Function]