

Product datasheet for **MR227610L4V**

Egr2 (NM_010118) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Egr2 (NM_010118) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Egr2
Synonyms:	Egr-2; Krox-20; Krox20; NGF1-B; Zfp-6; Zfp-25
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_010118
ORF Size:	1410 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR227610).
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_010118.3 , NP_034248.2
RefSeq Size:	2972 bp
RefSeq ORF:	1413 bp
Locus ID:	13654
UniProt ID:	P08152
Cytogenetics:	10 34.96 cM



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Gene Summary:

Sequence-specific DNA-binding transcription factor. Binds to two specific DNA sites located in the promoter region of HOXA4. Binds to the promoter region of ERBB2. May play a role in the regulation of hindbrain segmentation, might act in combination with the Hox network to specify odd and even rhombomeres, and might participate in the control of the expression of some of the homeobox containing genes.[UniProtKB/Swiss-Prot Function]