

Product datasheet for **MR224591L4V**

Ebf2 (NM_010095) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Ebf2 (NM_010095) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ebf2
Synonyms:	D14Ggc1e; EBF-2; Mmot1; O/E-3; OE-3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_010095
ORF Size:	1725 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR224591).
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_010095.5 , NP_034225.1
RefSeq Size:	5527 bp
RefSeq ORF:	1728 bp
Locus ID:	13592
UniProt ID:	O08792
Cytogenetics:	14 D1



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Gene Summary:

Transcription factor that, in osteoblasts, activates the decoy receptor for RANKL, TNFRSF11B, which in turn regulates osteoclast differentiation. Acts in synergy with the Wnt-responsive LEF1/CTNNB1 pathway. Recognizes variations of the palindromic sequence 5'-ATCCCNNGGGAATT-3'. [UniProtKB/Swiss-Prot Function]