

Product datasheet for **MR224036L3V**

Zbtb17 (NM_009541) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Zbtb17 (NM_009541) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Zbtb17
Synonyms:	AA589413; Lp-1; Miz1; mZ13; Zfp100
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_009541
ORF Size:	2385 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR224036).
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_009541.2 , NP_033567.2
RefSeq Size:	3415 bp
RefSeq ORF:	2385 bp
Locus ID:	22642
UniProt ID:	Q60821
Cytogenetics:	4 D3



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Gene Summary:

Transcription factor that can function as an activator or repressor depending on its binding partners, and by targeting negative regulators of cell cycle progression. Has been shown to bind to the promoters of adenovirus major late protein and cyclin D1 and activate transcription. Required for early embryonic development during gastrulation. Plays a critical role in early lymphocyte development, where it is essential to prevent apoptosis in lymphoid precursors, allowing them to survive in response to IL7 and undergo proper lineage commitment. Represses RB1 transcription; this repression can be blocked by interaction with ZBTB49 (By similarity).[UniProtKB/Swiss-Prot Function]