

Product datasheet for **MR223333L4V**

Polr2k (NM_001039368) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Polr2k (NM_001039368) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Polr2k
Synonyms:	ABC10-alpha; MafY; Mt1a; RPABC4; RPB7.0; RPB10alpha; RPB12
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001039368
ORF Size:	297 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR223333).
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_001039368.1
RefSeq Size:	619 bp
RefSeq ORF:	300 bp
Locus ID:	17749
Cytogenetics:	15 B3.1



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Gene Summary:

DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Common component of RNA polymerases I, II and III which synthesize ribosomal RNA precursors, mRNA precursors and many functional non-coding RNAs, and a small RNAs, such as 5S rRNA and tRNAs, respectively (By similarity). [UniProtKB/Swiss-Prot Function]