

Product datasheet for **MR217360L3V**

Polr1c (NM_009085) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Polr1c (NM_009085) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Polr1c
Synonyms:	40kDa; AA409007; AA959927; AL024089; Polr1e; RPA40; Rpo1-1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_009085
ORF Size:	1038 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR217360).
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_009085.2 , NP_033111.2
RefSeq Size:	1305 bp
RefSeq ORF:	1041 bp
Locus ID:	20016
UniProt ID:	P52432
Cytogenetics:	17 C



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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 and III which synthesize ribosomal RNA precursors and small RNAs, such as 5S rRNA and tRNAs, respectively. RPAC1 is part of the Pol core element with the central large cleft and probably a clamp element that moves to open and close the cleft (By similarity).[UniProtKB/Swiss-Prot Function]