

Product datasheet for **MC206567**

Polr2k (BC028543) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Polr2k (BC028543) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Polr2k
Synonyms:	MafY, RPB12, RPABC4, RPB7.0, RPB10alpha
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC028543 CGCTTCTCCAGCTGTGGAGGCACTAACAATGGACGCTCAGAAAGATGTTCAACCACCAAGCAGCAGCC AATGATATATATTTGTGGAGAGTGTACACCGAAAATGAGATAAAGTCCAGGGATCCCATCAGATGCAGA GAATGTGGATACAGAATAATGTACAAGAAAAGGACTAAAAGATTGGTGGTTTTTGATGCTCGATGAAATG TGGGAGTTCAGAAGTATCTTCATTCATACATTTGCCTCATTGATGTTTCTCTTAATGTATAGCATTG CTTAGTTTACTTAATGAAAACACTGTATGCCTATGATTTCAATTTAGAAATACAATTGATTTTAACT TTGTATAAAGGAAATTTGGTTCAA AA
Restriction Sites:	EcoRI-NotI
ACCN:	BC028543
Insert Size:	177 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).



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Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [BC028543](#), [AAH28543](#)

RefSeq Size: 480 bp

RefSeq ORF: 177 bp

Locus ID: 17749

Cytogenetics: 15 B3.1

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]