

Product datasheet for **MC217814**

Polr1e (BC034783) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Polr1e (BC034783) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Polr1e
Synonyms:	53kDa; AU042259; D030019D19Rik; Paf53; Praf1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >BC034783
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTGCCCTGGAGTCTCTGGGATGGATGACCAGGCTGGAGACACGGAGACAGAGGCGCTACAGAGTG
 CAAGGTGGCTGTACTGTGGAGAGCCCGACGACAGGCAGAAAGCTGTGCTGGTCCAGTTCTCCAATGGGAA
 GCTGCAGAATCCGGGCGACATGCGCTTACCTTGTACAACAGCACCGACTTAGTAAACCCAGGCAGAGG
 AGTCACCGGATCGTGGCAGCTGAAACAGACAGGCTCTCCTATGTCGAAACAATTTGGGACCGGTGCC
 TCAATGCAATGCTCTTTCAGACACTTTGTGGGAATTCTGAATAAGACCTCTGGCCAGATGGAAGTCTA
 TGATGCCGAAGTGTCAACATGCAGCCGCTGTTTGTGGAATGGGAAGTGAAGTCATCAAAGTGGTGGC
 CAACACCTTTACCTGCTGGCCTTCTGCCAACCTCCAAGAAGCTGGCTGAGGCAGGTGACCTGCTGCTGA
 GCCGACACCGGCAAGGCCATTGCATTGCAGTCTGCTGGATGACGATGCTATTGAGCGAGAGCCTCCTCT
 GGAGAATCAGAACAAGACTTTTCAGGGACAAGTTGGATTCTGCATTGAAGCCTTTGGAAGCACAAGCAG
 AAGCGGTCCCTAAACTCCAGGCGGATGAACAAAGTTGGCAGCGAGTCTGAATCTCAGTGTGGCGAAAG
 CCGCGGAGAGTATCATTGATACAAGGGTGTGAATGCGCTGGTCAGTGATGCCATGCAGGATGACTTACA
 ATATGACGCCCTCTACCTTCTCCTGCTACGCTGACGCAGCCAAGCCGGAAGACGTGTATAGATTTGAA
 GACATTCTGTCCCGGCCGAGTATGATGCTCTTGGAGCCCATCCGAAGCCTTCAGAAAGGTCACATCGG
 AAGACATACTGAAGATGATTGAAGAGAACGCCACTGCTCCTACGTCATAGAAATGCTGAAGTCTCTGCC
 CATAGTAGAGTCCACCGGAACCGGCAAGCCCGGAGCATCTGGTTCCTAGACGCCCTCATCAGATTCCGA
 GCTCAGAAAGTGATAAAGGGGAAAAGAGCCTTAGGGCTGGAATCCCGCACATTATCAACACCAAGCTGC
 TGAACACGTTACCTGCTTGACCTACAACAACGGCAGGTTACAGAACCTAATTTCAAGTTCTATGAGGGC
 CAAGATCACTTCGTATGCGATCATACTTGCCCTGCACATAAATAACTTCCAGGTTGACCTGACAGGTTG
 CAGAAGGACTTGAAGCTGAGTGAGAAAAGGATTATTGAGATAGCGAAAGCCATGAGGCTGAAGATCTCCA
 AACAAAAGGTGTCCCTGGCAGATGGCAGGGAAGAGAGTACAGACTGGGCACTCTGTCTGTCCCACTGCC
 TCCAGCCAGAAGTCTGATCGACAGTCAAAGCGGAGGAAAATGAAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: BC034783

Insert Size: 1449 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).

- 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:	BC034783 , AAH34783
RefSeq Size:	1757 bp
RefSeq ORF:	1448 bp
Locus ID:	64424
Cytogenetics:	4 B1
Gene Summary:	DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Component of RNA polymerase I which synthesizes ribosomal RNA precursors. Appears to be involved in the formation of the initiation complex at the promoter by mediating the interaction between Pol I and UBTF/UBF. [UniProtKB/Swiss-Prot Function]