

Product datasheet for MC201795

Polr1d (NM_181730) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Polr1d (NM_181730) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Polr1d
Synonyms:	16kD; 1110003G10Rik; AC19; mRP; RPA16; Rpo; Rpo1-3
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC024394 sequence for NM_181730 CCCGCACCTTTCGCGACATGGGGAAGAGCCTCCATTTCCGCCAGCCACCTGAGGATTTCTGGAGCCGC CACCCACCTCCCGCATGGAAGACGATCAGGAGCTGGAGAGGAAAGCCATAGAGGAATTGCTAAAGGA GGCAAAGCGTGGGAAAACAGAGCGGAGACAATGGGGCCGATGGGCTGGATGAAGTGCCTTTGCTGGT ACAAATAAAGATTCTAATTAACACAATTAAGAACACACTGCCCTCCCAATAAAGAGCAAGACCATGAAC AAAAAGAGGGCAGTAAGGAGCCTGGCAAAAGCCAAGACCAGAAGGAAGCAAGTGGGAAGAAATACCGAAG TCACTCGTACAAGCGCAGCCTTCACTCGTCCCGGGCTCCGCAGGCTGCTCTCTCCACGGAAGCGGACC TCCCGGACCTCCGGGACAAGTGCAGCCACGGCCAGCAGGCGATGAGACAGCCGAGGGCTAGCCAG CCCAGCACTGCACCTGCCACTGAGCGAAGCAAGGAAGACAGGGAGGTGGCCGGCTGGCACCTGAGAGTGA CTTTCTCAGTGGTCTTTGTTTTAAGGAGGCTTGGTACTGTGTGGTGTCTTGTGCTGTTGTTGT TGTTGTTAACGGGAGAAGAAAACCTTAACTAAAACAAATCTTAACTACCTTATCCTGAAGGTGTCGCGGTG AGAGCAAGCTGACTCGGCATGGCCCCGCATATCCGTGGTGTCTTATCCTACCTTACTTGGAAAGTTCGT TTCAAAACAGGCAGTTTTAGAAATTTGAGATTTTGGAGATTTTAAAACTCCTAGTTTTTTGATGTACTG CTCTTTTGTGGTCATTTCCAGAAATTTCTCAAAAAATCAATAAAATACTTAGAAACGCGAAAAA AAAAAA
Restriction Sites:	RsrII-NotI
ACCN:	NM_181730
Insert Size:	381 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: [BC024394](#), [AAH24394](#)

RefSeq Size: 919 bp

RefSeq ORF: 381 bp

Locus ID: 20018

Cytogenetics: 5 G3

Gene Summary: This gene encodes an RNA polymerase subunit that is a component of both the RNA polymerase I and RNA polymerase III complexes. RNA polymerase I is associated with transcription of pre-ribosomal RNAs, while RNA polymerase III is associated with transcription of small RNAs. Pseudogenes of this gene have been defined on chromosomes 4 and 6. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2013]
Transcript Variant: This variant (2) differs in the 3' coding region and 3' UTR, compared to variant 1. The encoded isoform (2) has a distinct and shorter C-terminus, compared to isoform 1.