

Product datasheet for MC209329

Polr1c (NM_009085) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Polr1c (NM_009085) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Polr1c
Synonyms:	40kDa; AA409007; AA959927; AL024089; Polr1e; RPA40; Rpo1-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC209329 representing NM_009085 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGCGGCGGCTCAGGCGGTGGAGGAGATGCGGACTCGCGTGGTTCTCGGAGAGTTGGGGTTCGCAATG
TCCACACCACGGACTTTCCCGGTAACACGCCGTTATGATGATGCCTGGGACCAGAACCCTTCGAGAA
GAATTTCCGTGTGGACGTGGTCAAATGGATGAAGACACGCTGGAGTTCGACATGGTGGGATTGATGCT
GCCATCGCCAATGCTTTCCGGAGAATCCTGTTAGCTGAGGTGCCGACAATGGCCGTGGAGAAGTCTTGG
TGTATAACAACACGTCCATAGTCCAGGATGAGATCCTTGCTCACCGCCTGGGGCTCATCCCCATCCTCGC
TGATCCTCGTCTCTTTGAATATCGGAACCAAGGAGAGGAGGAAGGAACAGAGATAGACACGCTGCAGTTC
CGGCTGCAGGTACAGGTGTACCAGGAACCCCAATGCTGCCAAGGATTCTCAGACCCCAATGAACTCTATG
TCAACCATAAAGTCTACACCAGGCATATGACATGGGTCCCCTTGGGAAATCAGGCTGATGTCTTCCAGAA
GGGCACAAATCCGTCCAGTGCACGACGACATCCTCATCGCTCAGCTTCGGCCTGGCCAGGAAATGACTTG
ATGATGCATTGCGTCAAGGGCATTGGCAAAGACCATGCCAAGTCTCACCAGTGGCCACAGCCAGCTACA
GACTGCTACCGGCCATCACTCTGCTTGAGCCTGTGGAAGGAGAAGCGGCTGAGGAGCTGAGCCAGTGT
CTCCCCGGCGTGATTGAGGTGGAGGAAGTACAAGGTAAGGTAAGGTAAGGTAAGGTAAGGTAAGGTAAGG
GATACCTTCAGCAGGAAATCTTCCGGCATGAGAACTCAAGAAGGCTGTGCGGCTTCCCGGGTTCGGG
ACCATTATATCTTTCTGTGGAGTCTACTGGAGTTTGGCCACCAGATGTGTTGGTGAAGTGAAGCCATCAA
GATCCTGATGGGAAGTCCCGGCGTCTTGGATGAACTGGATGACAGTTGAGATGGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_009085
Insert Size:	1041 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:	<ol style="list-style-type: none">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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_009085.2</u> , <u>NP_033111.2</u>
RefSeq Size:	1305 bp
RefSeq ORF:	1041 bp
Locus ID:	20016
UniProt ID:	<u>P52432</u>
Cytogenetics:	17 C
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]