

Product datasheet for **SC320288**

POLR1C (NM_203290) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: POLR1C (NM_203290) Human Untagged Clone
Tag: Tag Free
Symbol: POLR1C
Synonyms: AC40; HLD11; RPA5; RPA39; RPA40; RPAC1; RPC40; TCS3
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_203290.1
GGCACGAGGGAGAGATTGAAGATGGCGGCTTCTCAGGCGGTGGAGGAAATGCGGAGCCCG
GTGGTTCTGGGGGAGTTTGGGGTTCGCAATGTCCATACTACTGACTTTCCCGGTAACAT
TCCGGTTATGATGATGCCTGGGACCAGGACCGCTTCGAGAAGAATTTCCGTGTGGATGTA
GTACACATGGATGAAAACACTCACTGGAGTTTGACATGGTGGGAATTGACGCAGCCATTGCC
AATGCTTTTCGACGAATTCTGCTAGCTGAGGTGCCAACTATGGCTGTGGAGAAGTCTCTG
GTGTACAATAATACATCCATTGTTCCAGGATGAGATTCTTGCTCACCGTCTGGGGCTCATT
CCCATTGCTGATCCCCGCTTTTTGAGTATCGGAACCAAGGAGATGAAGAAGGCACA
GAGATAGATACTCTACAGTTTCGTCTCCAGGTCAGATGCACTCGGAACCCCATGCTGCT
AAAGATTCCTCTGACCCCAACGAACTGTACGTGAACCACAAAGTGTATACCAGGCATATG
ACATGGATCCCCCTGGGGAACCAGGCTGATCTCTTTCCAGAGGGCACTATCCGACCAGTG
CATGATGATATCCTCATCGCTCAGCTGCGGCTGGCCAAGAAATTGACCTGCTCATGCAC
TGTGTCAAGGGCATTGGCAAAGATCATGCCAAGTTTTCCAGTGGCAACAGCCAGTTAC
AGGCTCCTGCCAGACATCACCTGCTTGAGCCCGTGAAGGGGAGGCAGCTGAGGAGTTG
AGCAGGTGCTTCTCACCTGGTGTATTGAGGTGCAGGAAGTCCAAGGTAAGGTTGGCC
AGAGTTGCCAACCCCGGCTGGATACCTTCAGCAGAGAAATCTCCGGAATGAGAAGCTA
AAGAAGTTGTGAGGCTTGCCCGGGTTCGAGATCATTATATCTTCTCTGTTGAGTCAACG
GGGGTGTGCCACCAGATGTGCTGGTGAAGCCATCAAAGTACTGATGGGGAAGTGC
CGGCGCTTCTGGATGAAGTACTAGATGCGGTTCCAGATGGACTGAGCTGGATGCTTCTGAGG
CAAGCTGAAGCTTTGGGTTCTGACTGACCCACCCTACAGGACTGCTGAACAGAGAGCCCA
GTGTGACTAGGGATCCTGAGTTTTCTGGGACAATTCCAGCTTTAATCAATACATTTTGT
AAATGTGCCATAAAATGAGACTTTTTACGCCTTTATAAGGCCTTAGATGTAAATAAACT
ACCCAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire
ACCN: NM_203290



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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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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.
RefSeq:	<u>NM_203290.1</u> , <u>NP_976035.1</u>
RefSeq Size:	1322 bp
RefSeq ORF:	1041 bp
Locus ID:	9533
UniProt ID:	<u>O15160</u>
Cytogenetics:	6p21.1
Protein Families:	Druggable Genome, Stem cell - Pluripotency, Transcription Factors
Protein Pathways:	Cytosolic DNA-sensing pathway, Metabolic pathways, Purine metabolism, Pyrimidine metabolism, RNA polymerase
Gene Summary:	<p>The protein encoded by this gene is a subunit of both RNA polymerase I and RNA polymerase III complexes. The encoded protein is part of the Pol core element. Mutations in this gene have been associated with Treacher Collins syndrome (TCS) and hypomyelinating leukodystrophy 11. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (1).</p>