

Product datasheet for **SC321572**

POLR3GL (NM_032305) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: POLR3GL (NM_032305) Human Untagged Clone
Tag: Tag Free
Symbol: POLR3GL
Synonyms: flj32422; RPC32HOM
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_032305.1
 CTTGAGGAAGCCAGTACATTTCAAGTTGGTCGCGGCTTGGGCTCCGCTTTGGGGAGGGG
 CAGCAGTTTATTCACTGGATCTCTGAATACCCAGGCCCCCTCCACATGGCCAGCCGGG
 GTGGGGGCCGGGTCTGGCCGGGGCCAGTTGACCTTCAACGTGGAGCGGTGGCATTG
 GGAAAGGGGATGCTTTGCCCCACCCACCCTGCAGCCTTCTCCACTCTTCCCTCCCTTGG
 AGTTCCGCCAGTACCTTTGCCCTCAGGCGAGGAAGGGGAATATGTCCTGGCACTGAAGC
 AAGAGCTACGAGGAGCCATGAGGCAGCTCCCTACTTCAATCCGGCCAGCTGTCCCAAGA
 GAGATGTGGAGCGTTATTAGACAAATATCAGATGTCAGGTCCGATTGACAATGCCATCG
 ATTGGAACCTGATTGGCGGCGTCTACCCGGGAGCTAAAGATCCGAGTGCAGGAGCTAC
 AGAAGGAACGGATTACAATTCTGCTCCCAAGAGGCCCCCTAAGACCACAGAAGATAAGG
 AGGAAACAATACAGAACTAGAGACCCTGGAGAAGAAGGAAGAAGTAACTTCAGAGG
 AGGATGAGGAGAAAGAAGAAGAAGAGAAGGAAGAGGAGGAAGAAGAAGATGATG
 AAGAAGAATGAAGAGGAACTGATTACATCATGTCATATTTTGAACAATGGAGAGGACT
 TTGGTGGTGACAGTGATGACAATATGGACGAGGCTATATACTGAAGAAGGACTCTGGACC
 CTCGTGCTTTCTTTAGGATACAGAGAGTAACTGTACCTATTATTTGTTCTTCAGACAA
 GCAATCATTTGGTCAGAGTTCATATAATCTGTCTGTTCCCTGGAGATGGGAATAGAGGA
 TGATGACAGTTTATTTTCTACACTTCCCTCCTCCACATTTGTATCACCTTTGCTATCT
 TGGGAAAAGTCAAAGGACAAACATCTCAATTGTATGAAGGGAGAAAGGAGAATTGAAAG
 AAGAATGGGGTTGTTAGAGCTGAGATGACTGTACACATACCCCTGCCAATTTATATAG
 CTCTTTGTGGAGATAATTAGGGGTGGGAGCAGTTTGAAGGAGTAAGCCTGTTTTATACT
 TTTAAATAAAGTGTTTTTATCTGTCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire
ACCN: NM_032305



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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_032305.1</u> , <u>NP_115681.1</u>
RefSeq Size:	1191 bp
RefSeq ORF:	657 bp
Locus ID:	84265
UniProt ID:	<u>Q9BT43</u>
Cytogenetics:	1q21.1
Protein Pathways:	Cytosolic DNA-sensing pathway, Metabolic pathways, Purine metabolism, Pyrimidine metabolism, RNA polymerase
Gene Summary:	<p>DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Specific peripheric component of RNA polymerase III which synthesizes small RNAs, such as 5S rRNA and tRNAs.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>