

Product datasheet for **SC112974**

POLR2L (NM_021128) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	POLR2L (NM_021128) Human Untagged Clone
Tag:	Tag Free
Symbol:	POLR2L
Synonyms:	hRPB7.6; RBP10; RPABC5; RPB7.6; RPB10; RPB10beta
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_021128, the custom clone sequence may differ by one or more nucleotides

[ATGATCATCCCTGTACGCTGCTTCACTTGTGGCAAGATCGTCGGCAACAAGTGGGAGGCTTACCTGGGGC
TGCTGCAGGCCGAGTACACCGAGGGGGATGCGCTGGATGCCCTGGGCTGAAGCGCTACTGCTGCCGCC
GATGCTGCTGGCCACGTGGACCTGATCGAGAAGCTGCTCAATTATGCACCCCTGGAGAAGTGA](#)

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_021128 unedited
CCTTTTCGGATTNTGTAACGATTCACTATAGGCGGCCGCAATCGGCACGAGGCGCCG
CCGCCATGATCATCCCTGTACGCTGCTTCACTTGTGGCAAGATCGTCGGCAACAAGTGGG
AGGCTTACCTGGGGCTGCTGCAGGCCGAGTACACCGAGGGGGACGCGCTGGATGCCCTGG
GCCTGAAGCGCTACTGCTGCCGCCGATGCTGCTGGCCACGTGGACCTGATCGAGAAGC
TGCTCAATTATGCACCCCTGGAGAAGTGACCACGCTGGAACCCACCCACCCGCTGTGCTG
ACCATGGGCCCTGAGCGTCTACCCGAATTCACGAGGCTGAGGCATCCGGGAGCTGGCG
TAATGCCTGGCCGAGTGTGTGTATCCCATACCCACTCTGGAAGGAACCATCCAGTA
AAGGTCTTTCAGAACCAAAAAAAAAAAAAAAAAAACTCGACTCTAGATTGCGGCCGC
GGTCATAGCTGTTTCTGAACAGATCCCGGGTGGCATCCCTGTGACCCCTCCCCAGTGCC
TCTCCTGGCCCTGGAAGTTGCCACTCCAGTGCCACCAGCCTTGCCCTAATAAAATTAAG
CTGCATCATTTTGTCTGACTAGGCGCCCTTCTATAATATTATGGGGCGGAGGGGGGTGGC
TATGGACCCATGGGGCCAGTTGCCAAACACACCTGTAAGGCCCGCCGGGGCCCAAC
TGCCGAAACCAGCCTGGACCGGCCCGGGCCACAAATCTTCGGCTCACTTGGCCATCTTTC
CCCTTCTGGGTCCAACCGAATCTCCCCGCCCCAGCCTTCCCGAGGTGGTCGGGAAT
ACCAGCAACTGCCTTGACCCACCCTCAACATCACCTCCTGCTTCTTTGGCCAAACCACC
GGCTTCCCACCCTTGCCACCCCGCCACCAC



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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_021128 unedited CAATCTAGAATCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTGGGTCTGAAAGACTTTACTGGAT GGTTCCTTCCAGAGTGGGGTATGGGATACACACACTGCGGCCAGGCATTACGCCAGCT CCCGGATGCCTCAGCCTCGTGAATTCGGGGTAGGACGCTCAGGGCCCATGGTCAGCACAG CGGGTGGGTGGGTCCAGCGTGGTCACTTCTCCAGGGGTGCATAATTGAGCAGCTTCTCG ATCAGGTCCACGTGGGCCAGCAGCATCCGGCGGCAGCAGTAGCGCTTCAGGCCAGGGCA TCCAGCGCGTCCCCCTCGGTGTACTCGGCCTGCAGCAGCCCAGGTAAGCCTCCCACTTG TTGCCGACGATCTTGCCACAAGTGAAGCAGCGTACAGGGATGATCATGGCGGCGGCCT CGTGCCGAATTCGCGGCCGCCCTATAGTGAGTCGTATTACAAAATTCTGACGGTTCACTA AACGAGCTCTGCTTATATAGACCTNCCACCGTACACGCCTACCGNCCATTTGCGTCAACG GGGCGGGTTATTACGACATTTTGAAAGTCCCGTTGATTTTGGGTGCAAAACAACTCC CATTGACGTCAATGGGGTGGAGACTTGGGAAATCCCGTGAGTCAAACCGCTATCCCGCC ATTGGTGTACTGNCAAANCCGCATCACATGGTAATAGCGATGACTAATACGTANATGTAC TGCCAAGTANGAAAGTCCCGTAAGTCATGTACTGGGCATAATGCCAGCGGGCCATTTAC CGGTATTGACGTCAATAGGGGGCGAACTTGCATATGAATCACTTGATGTACTGCCAG TGGGCAGTTTACCGAANTCCTCCACCCATTGCGTCAATGGAAGCCCCATTGTCCGTA CCTATGGAACATACGGTCTTTTTGACNTCAATGGCGCGGGGTCTNTTGGNCGCAACCCC CCCGGCCCTTTACCGCATTATATTAACCCGGATTCTCTTGGGCTTGAACCAAGACCCGA T
Restriction Sites:	NotI-NotI
ACCN:	NM_021128
Insert Size:	400 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.
RefSeq:	<u>NM_021128.3</u> , <u>NP_066951.1</u>
RefSeq Size:	927 bp
RefSeq ORF:	204 bp
Locus ID:	5441
UniProt ID:	<u>P62875</u>
Cytogenetics:	11p15.5

Domains:	RNA_pol_N
Protein Families:	Transcription Factors
Protein Pathways:	Huntington's disease, Metabolic pathways, Purine metabolism, Pyrimidine metabolism, RNA polymerase
Gene Summary:	This gene encodes a subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. The product of this gene contains four conserved cysteines characteristic of an atypical zinc-binding domain. Like its counterpart in yeast, this subunit may be shared by the other two DNA-directed RNA polymerases. [provided by RefSeq, Jul 2008]