

Product datasheet for **MC225919**

Polr3gl (NM_001293701) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Polr3gl (NM_001293701) Mouse Untagged Clone
Tag: Tag Free
Symbol: Polr3gl
Synonyms: 2010003I19Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC225919 representing NM_001293701
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAGGCAGCTCCCCTACTTCATCCGGCCAGCCGTCGCCAAGAGAGATGTGGAACGTTACTCAGACAAGT
ATCAGATGTCTGGCCTATTGACAACGCCATCGATTGGAACCTGATTGGCGCGACTCCCCAGTGAGCT
CAAGATTCGAGTCCGAAAGTACAGAAGGAGCGGACCACCATTATCCTTCCAAGAGGCCCCCTAAGAGC
ACAGACGATAAGGAGGAGACGATACAGAACTAGAGACGCTAGAGAAGAAGGAGGAGGAAGTGACTTCGG
AGGAGGATGAAGAGAAAGAAGAAGAGGAGGAGAAGGAAGAGGGGAGGAAGAGGAATACGATGAAGAGGA
GCATGAGGAGGAAACTGATTACATCATGTATTTTGAATGGAGAGGACTTTGGAGGGGACAGCGAT
GACAATATGGATGAGGCCATATACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_001293701
Insert Size: 447 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).



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OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001293701.1</u> , <u>NP_001280630.1</u>
RefSeq Size:	1259 bp
RefSeq ORF:	447 bp
Locus ID:	69870
Cytogenetics:	3 F2.1
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 (2) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation from a downstream start codon compared to variant 1. The encoded isoform (2) has a shorter N-terminus compared to isoform 1. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>