

Product datasheet for **MC224387**

Polr3a (NM_001081247) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Polr3a (NM_001081247) Mouse Untagged Clone
Tag: Tag Free
Symbol: Polr3a
Synonyms: 9330175N20Rik; BC053071; RPC1; RPC155
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC224387 representing NM_001081247
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGTGAAGGAGCAGTTCGCGAGACGGATGTGGCTAAGAAAATAAGCCATATCTGTTTTGGAATGAAGT
CCCCTGAGGAGATGCGCCAGCAGGCACATATCCAGTTGTGAGTAAAGAACCTGTACAGCCAAGACAACA
CCACGCCCTTGTGTATGGAGTGCTTGACCATAGAATGGGTACGAGCGAAAAAGATCGTCTTTGTGAG
ACCTGTGGGAAGAAGTTCGGCGACTGTCTCGGCCACTATGGCTACATTGATCTCGAGCTACCGTGTCTTC
ATGTCCGGTACTTCAGGGCTGTCATTGGTATCTTACAGATGATCTGCAAAACCTGCTGCCACATTATGCT
GTCCCAGGAAGAGAAGCAGCAGTTTCTAGATTTTCTGAAGAGGCCTGGCCTAACCTACCTGCAGAAGCGA
GGCCTGAAGAAGAAGATCTCAGATAAATGCCGGAAGAAAAGCACTTGTCACTACTGTGGTGCCTTTAATG
GTACCGTAAAGAAATGTGGTTTACTGAAGATAATTCATGAAAAATACAAGACAACAAAAAGTCGTGGA
TCCATTGTATCAAACCTCCTGCAGTCTTTGAGACAGCCATTGAGCATAACAAAGAGGTTGAACCCCTG
CTGGGAAGGGCCAGGAGAAGTGAATCCTTTAGTAGTTCTGAACTTGTAAAGCGCATCCAGCTGAAG
ATGTCCCGTACTCCTGATGAACCCAGAATCTGGAAAGCCCTCTGATTTGATTCTCACCCGACTTTTGGT
GCCTCCCCTGTGTATCAGACCGTCCGTCGTGAGTGATCTGAAAGTCTGGAACCAATGAAGATGACCTGACA
ATGAAACTGACAGAGATCAATTTCTAAATGATGTTATTAAGCAACCGGATCTCCGGAGCCAAGACGC
AGATGATCATGGAGGACTGGGATTTCTGCAGCTGCAGTGTGCCCTCTACATCAACAGTGAGCTCTCTGG
CATCCCTCTCAACATGGCACCTAAGAAATGGACGCGAGGCTTTGTGCAGCGCCTGAAGGGGAAACAGGGT
CGATTTAGAGGTAATCTGTCAGGAAGAGGGTGGATTTCTCCGGCCGAACAGTCTCTCACCTGACCCCA
ACCTCCGATTGATGAAGTAGCCGTGCCAGTTCATGTGCCAAAATTCTAACTTTTCTGAGAAGGTGAA
CAAAGCAAACATCAACTTTTGGAGAACTGGTTCGAAATGGCCAGATGTTACCCAGGAGCCAATTTT
ATCCAACAAAGACACATGCAGATGAAGAGTTCTGAAGTATGGAATCGGGAAAAGATGGCTCAGGAGC
TCAAGTTCGGCGACATTGTAGAGAGACCTGATAGATGGAGATGTGGTCTTGTCAACCCGAGCCCTC
CCTGCACAAACTGAGCATCATGGCCACCTGGCCAGGGTTAAGCCCCACCGGACCTTCAGATTCAATGAA
TGTGTCTGCACCCCTACAATGCAGACTTTGATGGGGATGAAATGAACCTTCATCTTCCCGACAGAGG



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AAGCCAAAGCAGAGGCCCTTGTTCTCATGGGGACCAAGCGAACCTTGTAAACCCACGAAATGGGGAGCC
 ACTCATTGCTGCCATTAGGACTTCTAACAGGTGCTTACCTCCTCACCCCTCAAGGACACCTTCTTTGAC
 CGAGCCAAAGGCTTGCCAGATCATCGCTTCAACTGGTTGGCAAAGATGAAAAAATTAAGTGCCCTCC
 CACCCCTACAATACTAAAGCCTGTACCCTGTGGACCGAAAGCAGATCTTCAGTGTATCCTCAGACC
 TAGTGATGACAATCCAGTGCGGGCCAACCTCCGAACCAAGGGCAAGCAGTACTGTGGCAAGGGGAAGAC
 CTCTGCGTCAACGACTCCTATGTCACCATCCAGAACAGTGAGTTGATGTGCGGCAGCATGGACAAAGGGA
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 GGTGATGTCACGCCTGGCCAGGGACTGCTGAAAGCCAAGTATGAGCTACTAAATGCTGGCTACAAAAAT
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 AGATGATTGCCTGTGTGGGACAGCAAGCCATCAGTGGCTCCCGGTTCCAGATGGCTTTGAGAACAGATC
 TTTGCCTCACTTTGAGAAGCATTCAAAGCTCCCTGCTGCCAAAGGCTTTGTGGCCAATAGCTTTTACTCT
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 AGACTGCTGAAACAGGATACATGCAGAGAAGACTGGTCAAATCCCTGGAAGACCTCTGCTCGCAGTACGA
 TCTGACAGTGGGAGCTCCACCGGTGACATCATCCAGTTCATCTATGGAGGAGATGGCTTAGATCCTGCT
 GCCATGGAGGGCAAAGACGAACCGCTGGAGTTAAGCGGGTCTGGACAACATCAAGGCAGTGTATCCAT
 GTCAGACTGAACCTGCTCTCAGTAAGAACGACCTCACCTTGACCCTGAGGCCATCATGAAGAAGAATGA
 GTTCTATGCTGCCAAGACAGCTTCTGCGAGAAATAAAACATTCATTAAGGGGTGTCCGAGAAGATT
 AAGAAAACCAGAGATAAATATGGGATCAATGATAACGGCACAACAGACCTCGTGTGCTGTACCAGTTGG
 ACCGTATTACCCCTACCCAAATAGAGAAGTTTCTGGAGACCTGTAGGGATAAGTATATGAGAGCACAGAT
 GGAGCCAGGCTCTGCGGTAGGTGCACTCTGTGCACAGAGCATTGGTGAGCCCGGCACCCAGATGACGCTG
 AAGACATTCACACTTTCAGGAGTAGCCTCCATGAACATCACCTGGGTGTGCTCGGATCAAAGATCA
 TCAACGCTTCCAAGGCCATCAGCACTCCAATTATCACAGCACAGCTAGACAAGGATGACGACGCGGATTA
 TGCACGCCTGGTGAAGGGCAGGATTGAGAAAACCTCCTGGGGGAGATCTCAGAGTATATTGAAGAAGTG
 TTTCTTCTGATGACTGCTTTATTCTTGTCAAGCTCTCCCTGGAACGGATCCGACTTCTGAGACTGGAGG
 TCAATGCTGAGACAGTGCAGTACTCCATCTGCACATCCAAGCTCCGAGTGAAGCCTGGTATGTGGCCGT
 TCATGGGGAGGCTGTGGTGTGTGCACCCCGGGAAAACAGCAAGAGCTCCATGTATTATGTGCTGCAG
 TTTCTCAAAGAGGATCTGCCAAGGTGGTTGTACAAGGCATCCAGAGGTGTCCGAGCTGTCATCCATA
 TTGACGAGCAGAGTGGGAAGGAGAAGTTCAAGCTTCTGGTGAAGGTGACAACCTGCGGGCAGTGCATGGC
 CACCCACGGTGTGAAAGGCACCCGGACACGCTTAATAACACCTATGAGGTGGAAAAAACCTGGGCATT
 GAGGCTGCCCGGACAACATCATCAACGAGATCCAGTACACGATGGTCAACCACGGCATGAGCATCGACA
 GGAGGCACGTGATGCTGCTCTGACCTGATGACCTACAAGGGTGAAGTCTGGGTATAACCAGGTTTGG
 CCTGGCCAAGATGAAGGAGAGTGTGTTGATGCTGGCCTCCTTTGAAAAGACAGCTGACCATCTTTTGTG
 GCTGCCTACTTTGGGCAGAAAGACTCTGTATGCGGAGTGTCTGAGTGCATCATATGGGAATCCCGATGA
 ACATCGGAACCTGGGCTCTTCAAGCTGTTACACAAGCCAACAGGGACCCCAACCACCCAGGAGACCCCT
 GATATTTGACACACATGAATTCACATCCCTCTTGTTACATAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001081247

Insert Size: 4173 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_001081247.1</u> , <u>NP_001074716.1</u>
RefSeq Size:	4683 bp
RefSeq ORF:	4173 bp
Locus ID:	218832
Cytogenetics:	14 A3