

Product datasheet for **MC220184**

Rpap3 (NM_028003) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rpap3 (NM_028003) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rpap3
Synonyms:	2310042P20Rik; D15Erttd682e
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC220184 representing NM_028003
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACTTCGGCGAGTAAGGCAGTTGAGTTGCAGCTCCAGGTGAAACACAACGCAGAGGAGCTGCAGGACT
 TCATGAGGGACTTGGAGCACTGGGAGAAGGACATGAAGGAGAAGGACCTGGAGCTGAGAAGACAGGGTGG
 CGTTGCCGAGGAGAATTTACCTCTATTCGAAATGGGAATTTAGAAAAGAAGAAGAAAGGCAAAGCT
 AAAGAGTCTTCCAGAAAAACAAAGAAGAAAACACGAAAAACAGAATAAAATCTTACGACTATGATGCCT
 GGGCAAACTTGATGTGGACAGGATTCTCGACGAGCTTGACAAAGAAGACAGCACCACGATTCTCTGTC
 CCAGGAGTCAGAGTCGGATGAAGATGGCATTCTGTGGATTCCCAGAAAGCTCTTGTCTAAAAGAAAAG
 GGCAATAAGTACTTCAAGCAAGGAAAGTACGATGAAGCCATTGAATGCTACACGAAAGGCATGGATGCTG
 ACCCTACAATCCCGTGTGCCAACAAACAGAGCGTCGGCTTACTTCAGACTGAAAAAGTTTGTCTTGC
 TGAGTCTGACTGTAACCTGGCCATCGCCTTGAGCAGGACTTACACCAAGGCGTACGCCAGCGGAGGTGCA
 GCTCGGTTTGTCTGCAGAAAGTTAGAGGACGCCAGAAAAGATTATGAGAAAGTGTAGAAGTGGAGCCAG
 ATAACCTTTGAAGCAACAATGAACCTCAGGAAAATTAATCAGGCTTTGACGTCCAAGGAAAACCTCGGGTCC
 TGGAGCAGCTGCTGCTGCGGAGAGTAAGCCAGCTGCAGGGGAGAGCAAACCAACCGGTGGTCAGCAGGGC
 AGGCAGAAAGCCATAGCGGAGAAAGACCTGGGCAACGGATTTTTCAAAGAGGGGAAATACGAGCAAGCAA
 TTGAGTGTACACCCGCGGGATAGCAGCGGACCGCACCAACGCCCTGCTGCCAGCTAACAGAGCGATGGC
 CTATCTCAAGATTCAGAGATATGAAGAAGCTGAAAGAGACTGCACACAAGCTATCGTACTAGATGGCTCA
 TACTCAAAGCGTTTCCAGAAGAGGAACAGCAAGGACATTTTTGGGAAAGATCAATGAGGCCAAGCAAG
 ACTTTGAGACTGTTTTACTTCTGGAACCTGGAATAAGCAAGCGCGCAGCTTCCAGAATCAAAAA
 GGAACATAAGAGAAAGGCCACTGGGATGATGTCTTCTTACTCCACACAGAGACACCATGTGGTGAAA
 GCTGTGGATAATCCTCCTCGGGCTCCCTAAAGCACTCAAGAAGTTTTTTATTGAAGAACTGGCAATT
 TGATAGAGACTGTTGATGCACCAGATAGTTCTGCCACTGTCCCTGAGAGTGATCGAGCAACGGCAGCTGT
 GGGCACTGGAACCAAGAAGAATCCAAGCGAGGGCGTCTCTGCTGCAGGGGATAGGCCAAGAGCTAAA
 GTGTTGAAAATAGAAGCAGTCAGTGACACTTCAGCCCCACAAGCACAGGTGGGGTGAAGCAGGATGCGC
 GTCAGCCTGGGAGTGAGAAGGCCTCCGTGAGGGCAGAGCAGATGCCGGGTGAGTGGCCGCTGCTGGTCT
 GCCTCCAGTTCCTGCCAATCCTCCAGCTCGAGTCTGATTTTCAGACAGTTGAGAAGTCCCCAGAGATG
 CTGATCAGTATGTAAGAATATCGAACCATCTTTGTATCCGAAGTTGTTTCAGAAAAACCTAGATCCAG
 ATGATATCAATCAATCATTAAAGATTCTACACGACTTTTACATTGAGAGGGAAAAGCCAGCTCTCATCTT
 TGAAGTCTTAGAACGACTTTCTCAGCTGAGAAGTTTTGACATGGCGGTGATGTTTATGTCAGGACCTGAG
 AGAAAGCTTACAAATGATTATTCAATCACTTAGAAAAATCAGACCTGAAGGAAGATTCTGTTGAAGAAC
 TCAAGAAAAGATACGGCGGCT**GA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_028003
- Insert Size:** 1983 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:

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: [NM_028003.2](#), [NP_082279.1](#)

RefSeq Size: 2260 bp

RefSeq ORF: 1983 bp

Locus ID: 71919

UniProt ID: [Q9D706](#)

Cytogenetics: 15 53.54 cM

Gene Summary: Forms an interface between the RNA polymerase II enzyme and chaperone/scaffolding protein, suggesting that it is required to connect RNA polymerase II to regulators of protein complex formation.[UniProtKB/Swiss-Prot Function]