

Product datasheet for **RN201292**

Rpap3 (NM_001004243) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rpap3 (NM_001004243) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rpap3
Synonyms:	MGC94954
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN201292 representing NM_001004243
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGACCTCGACAAGTAAGGCGGTTGAAGTGCAGCTCCAGGTGAAGCACAATGCGGAGGAAGTGCAGGATT
 TCATGAGGGACTTGGAGCACTGGGAAAAGACTATGAGGCAGAAGGATCTGGAGCTCAGAAGGCAGAGTGG
 CGTCCCGAGGAGAATTTACCTCTATTCGAAATGGGAGTTTTAGGAAAAAGAAGAAACGTAATACTAAA
 GATTCTTCAAAAAACCAAAGAAGAAAACAAAAACAGAATAAAATCTTTCGATTATGATGCCTGGG
 CAAAACCTGATGTGGACAGTATTCTTGATGAGCTTGATAAAGAAGACAGCACCCACGATTCTGTGCCA
 GGAGTCAGAGTCGGACGAAGACGGTGTTCGTGTGGATTCCAGAAGGCTCTTGTCTAAAAGAAAAGGGC
 AACAGTACTTCAAGCAAGGAAATATGACGAAGCCATTGAATGCTACACGAAAGGCATGGATGCCGATC
 CCTACAACCTGTGTGCCAACAAACAGAGCATCTGCCTACTTTAGACTGAAAAATTTGCTGTTGCTGA
 GTCTGACTGTAATTTGGCAATTGCCTTAAGCAGGAGTTATACCAAGGCTTATGCCAGACGAGGTGCTGCT
 CGATTTGCTCTGCAGAAGTTAGAGGACGCTAGAAAAGATTATGTAAGTGTGTTAGAACTGGAACAGATA
 ACTTCGAAGCAACGAATGAACTCAGGAAAATTGATCAGGCTTTAACATCGAAGGAAAATTCACATCCCAA
 AGACATTGCTGCCGTGATTAACACAGCTGAAGGAGAGAGAAAAGCAAATGAAGATCAGCGGGGCAGGCAG
 AAGGCCATTGCAGAGAAAGACCTGGGCAATGGATTTTTCAAAGAGGGGAAGTACGAGCAAGCAATCGAAT
 GCTACACCCGTGGGATAGCAGCGGACAGCACCAATGCCCTGCTCCCGCTAACAGAGCCATGGCCTACCT
 CAAGGTTCCAGAAATGAAGAAGCTGAAAGAGACTGCACACAGGCTATCTTACTAGATGGTTCATATTCA
 AAAGCTTTTCCAGAAGAGGAAGTCAAGGACATTTTTGGGAAAGATCAATGAGGCCAAGCAAGATTTCCG
 AAAGTGTCTTACTTCTGGAACCTGGAAATAAACAGGCAGTGACCGAGCTTCCAGAATTAAGAAAGGAAAT
 AATTGAGAAAGGACGCTGGGATGATGTCTTTCTTACTCCACACAGAGGCACAATGTGGTAAAGCCTGTA
 GACAGTCTCATCGGGGTCACCTAAAGCACTCAAGAAGTTTTATTGAAGAACTGGCAATTTGATAG
 AGTCTGTCGATGCACCAGAGAGCTCTGCCACCGTCCCGAGAGTGACCGAGCAGCAGTGGCTGTGGACAC
 TGGACGCAAGAAGGATTTAGCCAGGGGACTCTGTGCTCAGGGGAGACACCAAGAGCTAAAGTGTG
 AAAATAGAAGCAGTCGGCGACTCGTCAGCCCCACAGGCGCAGGTGGACGTGAAGCAGGGCGTGCCTCAGT
 CAGTGAGTGAGAAAACCTCTGTGAGGGTAGCGCAGACGCCGGTCAAGTGGCCGCTGTAGTCTGCCTCC
 AGTTCCTGCCAATCCTCCAGCTGGAGTCTGATTTAGACAGTTGAGAAGTCCCGGAGATGCTGTAT
 CAGTATGTGAAGAAAATGAACCATCTTTGTATCCGAAGTTGTTTCAGAAAACTAGATCCAGATGTAT
 TCAATCAAATCATTAAAAATTTACACGACTTTTACGTTGAGAGGAAAAGCCAGCTCTCATCTTTGAAGT
 CTTAGAAAAGCTTTCTCAGCTAAGAAGGTTGACATGGCGGTGATGTTTATGTCAGGAACTGAGAGAGAG
 CTCACAAAAGTATTATCAATCACTTAGAAAAATCAGAATTGAAGGAGGATTCTGTTGAAGAACTCAAGA
 AAAGATACGGCGGTGGC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001004243
- Insert Size:** 1980 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_001004243.1](#), [NP_001004243.1](#)

RefSeq Size: 2220 bp

RefSeq ORF: 1980 bp

Locus ID: 300189

UniProt ID: [Q68FQ7](#)

Cytogenetics: 7q36

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]