

Product datasheet for **MC204189**

Pole3 (NM_021498) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pole3 (NM_021498) Mouse Untagged Clone
Tag: Tag Free
Symbol: Pole3
Synonyms: 1810034K18Rik; YBL1
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC024996
 CGGGCCCCAGCGGAGGCAATGGCGGAGAGGCCCGAGGACCTAAATCTGCCAACGCCGTCATCACCAGGA
 TCATCAAGGAGGCGCTCCCGACGGTGTCAACATCTCCAAGGAGGCCGAAGCGCCATCTCCCGCGCCGC
 CAGTGTCTTCGTTTTGTATGCCACATCCTGTGCCAATAACTTCGCAATGAAAGGAAAGCGCAAGACTCTC
 AATGCCAGTGACGTGCTGTGAGCCATGGAAGAGATGGAATTCCAGCGATTATAACACCATTTGAAAAGAG
 CTCTAGAAGCGTACAGGCGGGAGCAGAAAGGCAAGAAGGAGGCTTCGGAGCAAAAAGAAGAAGACAAAGA
 CAAAAAGGATTCGAAGAGCAAGACAAAAGCAGAGAGGAGGAGGAGGATGAAGAGAGACTGGACGAG
 GACGACCAGAACGAAGAGGAGGAAATAGACAACTGAATGGAGAGAGTAGGCAGACTGTGGCGTGGTGGAG
 GGGACCTGAGATCCTGAGACATGTCTGTGTGAAGGCTTCCCTGCAAGGCAGAGCCATCTTCGGCACTG
 GTGCCTGAGATCAAATAAAAAGCTGACCAGAAAGATCAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_021498

Insert Size: 438 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).



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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: [BC024996](#), [AAH24996](#)

RefSeq Size: 617 bp

RefSeq ORF: 438 bp

Locus ID: 59001

UniProt ID: [Q9JKP7](#)

Cytogenetics: 4 B3

Gene Summary: Forms a complex with DNA polymerase epsilon subunit CHRAC1 and binds naked DNA, which is then incorporated into chromatin, aided by the nucleosome-remodeling activity of ISWI/SNF2H and ACF1.[UniProtKB/Swiss-Prot Function]