

Product datasheet for **MC204845**

Pole2 (NM_011133) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pole2 (NM_011133) Mouse Untagged Clone
Tag: Tag Free
Symbol: Pole2
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >BC063772

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CGCCAAATCGCGAACATGGCGCCGAGCGGCTGCGGAGCCGCACGGTCTCAGCTTTCAGCTGCGGGGCT
TGCTGCTCAGGAGTGAAGCCACCAAGTATCTGACTGAAGCTCTCCAGTCTGTCACTGAATTGGAGCTAGA
GGAGAACCTAGGAAAGATCATCGATGCAGTTGAAAAGCAGCCCTTGCTCCTCGAACATGATCGAACGATCT
GTCGTGGAGGCAGCTGTGCAAGAGTGCAGTCAGTCTGTGGATGAGACTATAGAGCACGTTTTCAATATCA
TTGGAGCTTTTGATATCCACGTTTTATATAATTTCAGAAAAGGAAAAATTTCTTCTCTATCCATGAC
TAATCATGCTGCACCAACCTTATTTGGAACAGCAAGAGACAAAAGCCGAGCTGTATCTTGAACGCTATACC
ATTTTACACCAGAGGACACACAGACATGAATTGTTCACTCCTCCGGTGATAGGCTCACACCTTGAAGAAA
GTGGGAGCAAGTCCAGCTTAAACTATAGAAACCTTACTGGGTAGCACAAAGCAAGTTGGTGACGTGAT
CGTCTGGGGATGATAACCCAGCTGAAAGAGGGGAAGTTTTCTGGAAGATCCTACTGGAACAGTACAA
CTGGACCTTAGTAAAGCTCAGTCCACAGTGGCTTATACACCCGAGCCTGCTTCGTCTGGCAGAAGGTT
GGTTTGAAGATCAAGTGTTCACGCCAATGCCTTTGGATTTCTCCCACTGAGCCCTCCAGCACCAACAAG
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CGTGAAGACTTAGTGAATAAAATGTGTAGAAACTGTGTCCGTTTTCTAGCAGCAGTTTGGATATTCCTA
CTCACTTCGTAAGACCATCTTATCTCAGGGACATCTGGCTCCTCTCCCTCTTACGTATGCCCCGTCCTA
CTGGGCATATGATTACACGTTGAGAGTGTACCCGGTGCCCGACCTGCTGGTCATTGCAGACAAGTACGAC
CCGTTACCGTGACCAACACCGATTGCCTCTGCATAAACCTGGCTCCTTTCCAAGAAGTGGATTTCAT
TCAAAGTTTTTTACCTTCCAGTAAAACAGTAGAAGACAGCAAACCTCAGGGCTTTTGGATCGATGAGA
ATATATGAAATGAATTTTCTATTTTTATCTTATGATTTTGTATATTAATTTGAATAAACTTATGATA
AACCTTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
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Restriction Sites: RsrII-NotI



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ACCN:	NM_011133
Insert Size:	1584 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:	BC063772 , AAH63772
RefSeq Size:	1719 bp
RefSeq ORF:	1584 bp
Locus ID:	18974
UniProt ID:	O54956
Cytogenetics:	12 C2
Gene Summary:	Participates in DNA repair and in chromosomal DNA replication.[UniProtKB/Swiss-Prot Function]