

Product datasheet for **MG200969**

Pole3 (NM_021498) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pole3 (NM_021498) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Pole3
Synonyms: 1810034K18Rik; YBL1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG200969 representing NM_021498
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGGAGAGGCCCGAGGACCTAAATCTGCCAACGCCGTCATCACCAGGATCATCAAGGAGGCGCTCC
 CGGACGGTGTCAACATCTCCAAGGAGGCCCGAAGCGCCATCTCCCGCGCCCGCAGTGTCTTCGTTTTGTA
 TGCCACATCCTGTGCCAATAACTTCGCAATGAAAGGAAAGCGCAAGACTCTCAATGCCAGTGACGTGCTG
 TCAGCCATGGAAGAGATGGAATTCAGCGATTCATAACACCATTGAAAGAAGCTCTAGAAGCGTACAGGC
 GGGAGCAGAAAGCAAGAAGGAGGCTTCGGAGCAAAGAAGAAGGACAAAGACAAAAGGATTCCGAAGA
 GCAAGACAAAAGCAGAGAGGAGGAGGAGGATGAAGAGAGACTGGACGAGGACGACCAGAACGAAGAG
 GAGGAAATAGACAAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG200969 representing NM_021498
 Red=Cloning site Green=Tags(s)

MAERPEDLNL PNAVITRIIKEALPDGVNISKEARS AISRAASVFLYATSCANNFAMKGRKTLNASDVL
 SAMEEMEFQRFITPLKEALEAYRREQKGGKEASEQKKKDKKDKDSEEQDKSREEEEEDEERLDEDDQNEE
 EEIDN

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



[View online »](#)

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_021498.2, NP_067473.2</u>
RefSeq Size:	617 bp
RefSeq ORF:	438 bp
Locus ID:	59001
UniProt ID:	<u>Q9JKP7</u>
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]