

Product datasheet for **MR200969**

Pole3 (NM_021498) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pole3 (NM_021498) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Pole3
Synonyms: 1810034K18Rik; YBL1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR200969 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGAGAGGCCCGAGGACCTAAATCTGCCAACGCCGTCATCACCAGGATCATCAAGGAGGCGCTCC
CGGACGGTGTCAACATCTCCAAGGAGGCCCGAAGCGCCATCTCCCGCGCCCGCAGTGTCTTCGTTTTGTA
TGCCACATCCTGTCCAATAACTTCGCAATGAAAGGAAAGCGCAAGACTCTCAATGCCAGTGACGTGCTG
TCAGCCATGGAAGAGATGGAATTCAGCGATTCAACACCATTGAAAGAAGCTCTAGAAGCGTACAGGC
GGGAGCAGAAAGCAAGAAGGAGGCTTCGGAGCAAAAGAAGAAGGACAAAGACAAAAGGATTCCGAAGA
GCAAGACAAAAGCAGAGAGGAGGAGGAGGATGAAGAGAGACTGGACGAGGACGACCAGAACGAAGAG
GAGGAAATAGACAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR200969 protein sequence
Red=Cloning site Green=Tags(s)

MAERPEDLNLPNAVITRIIKEALPDGVNISKEARSAISRASVFLYATSCANNFAMKGRKTLNASDVL
SAMEEMEFQRFITPLKEALEAYRREQKGGKEASEQKKKDKKDKDSEEQDKSREEEEEDEERLDEDDQNEE
EEIDN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

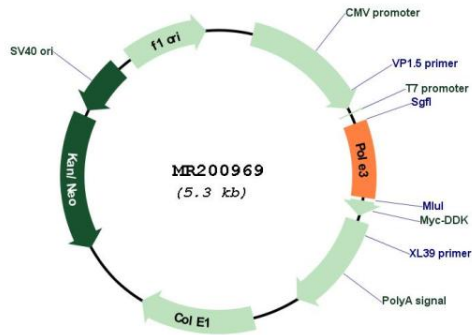


Cytogenetics: 4 B3

MW: 16.7 kDa

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]

Product images:



Circular map for MR200969