

Product datasheet for **RN213013**

Polh (NM_001108204) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Polh (NM_001108204) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Polh
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN213013 representing NM_001108204
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCTCCAGGACAGGACCTCGTGGTTGCTCTTGTAGACATGGACTGTTTTTTTCGTACAAGTGGAAACAGC
 GGC AAAATCCTCATTAAAGGAATAAACCTTGTGCAGTTGTACAGTACAAATCATGGAAAGGTGGTGAAT
 TATTGCAGTGAGCTATGAGGCGCGTGCATTTGGCGTACTAGAAAACATGTGGGCTGATGATGCTAAGAAG
 TTATGTCCAGATCTTCTGCTGGCACAAGTTCGTGAGTCCCGTGGGAAAGCTAACCTCACCAAGTACCGGG
 AAGCTAGTGTGAAGTATGGAGATAATGTCTCACTTTGCTGTGATTGAACGTGCCAGCATCGATGAGGC
 TTATATAGATTTGACCAATGCTGTGCAGGAAAGACTTGAAAAGTTACAAGGTGAGCCTGTCTCAGCAGAC
 TTGTTGCCAAGCACATACATTGAAGGGTGCCTCCGAGGCCCGCGGTAGAGGACACTGTTGAGAAAGAGG
 ATATTCGAAAACAAGGCTTACTTCAATGGCTTGGTTCTCTTGAGAAAGATGATCCCACCTCTCCAGACCT
 ACGGCTGACGGTGGTGGTGGTATTGTGGAAGAAATGAGAGCAGCCATAGAGAGGAAGACTGGCTTTTCAG
 TGCTCAGCCGGGATTTACACAATAAGGTCTGGCAAACTTGCTTGTGGACTAAACAAGCCCAACCGCC
 AAACCCTGGTCTCACATGGGTGAGTCCACAGCTCTTCAGCCAGATGCCAATCCGTA AAAATCCGAAGTCT
 TGGAGGAAAGCTTGGGGCTTCTGTCACTGACGCTCTTGGGGTAGAATACATGGGTGACCTGACCCAGTTC
 ACTGAAGCCAGCTCCAGAGTCAATTTGGAGAGAAGAATGGGTCTTGGCTGTATGCCATGTGCCGAGGCA
 TTGAACACGAGCCAGTTAAACCCAGGCAGTTACCTAAAATATTGGCTGTAGCAAGAACTCCCAGGGAA
 AACAGCTCTGGCTACTCGGAACAGGTACAGTGGTGGCTTCTGCAGTTAGCCCTGGAAGTGGAGAGAGA
 CTAACCAAAGACCGGACTGACAATGGCAGGGTGGCCACTCAGTTGGTTCGTCAGTATTTCGTGTTGAAGGAG
 ACAAGCGTCTCAGCAGCCTGCGTGGTGTGTCCTCACTCGCTATGACGCTCACAAGATGAGCCAGGA
 CGCATTTGCTACTATCAGGAACGTAAACACATCTGGAGTCCAGACTGAGTGGTCCCTCCTCTCACAAATG
 CTCTTCTCTGTCTACCAAGTTCTCTGCTTCCGCCCTCCAGCCTGCACGGATACACTGTATTCTGA
 GCAGTACTCCGTTGTGAGCCAAAGGTGCCAGCTGCCAGCTCGGGGACCAGGACTCAGGAACCTGGCCC
 GGCTGCACCCACCTCTAAAGAGGCGAGCCACATCCCTAGAGTCTTTTTTTCAAAGGCTGCCAAGAGGCGAG
 AGAATGAGAGAGACTTCCTTGTACCTCCTAAGGTGGCCGTGGAGAAGTCATCATCAAGCCTTCCCTTC
 TGTTCCAAACCAGCGGAAGCCAGGAACAAAGTCTTTCTCAAGCAGAAGAGTCTGCTGCTACAGCACAC
 AGAGCTGAGCAATGCTGCAGCTCCATGCCCTCCACAGGCCAGCTCTGCAGTGAACCAAGCCGTCTCCCC
 ACAGACCGTGCAGACAGCCGTGCTTCTTGTGAAGAAGTGTGCAAGCCGGTATCCTCTAAAGCAGTTTCTA
 CAGAAGTGAATGTGGCTGGGAACAGTTCTTTAGCTTACAACCTCGCAGGAGATGACCCAAAGGGCAGCTGA
 GGCAAGTGCTGTGTGAGAAGTGTGACTCCCTGGTCCCAGTATGGGACATGCCAGAGCACCTGGACTAC
 CATTTTGCAGTGGAGTTGCAGAAGTCTTTTTTGCAGCCTTGTACTTCAAACCCAGGCTGTCCCGGTGT
 CTCCTCAGGGCAAAGAAATCCCAAGAGTCTTTGGCTTCCAGTAATAAACGCCTTAGGCCCCACGGCAT
 GCAGACTGGAATCATTTTTTAAGCCATTGACACATTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001108204
- Insert Size:** 2070 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_001108204.1](#), [NP_001101674.1](#)

RefSeq Size: 3179 bp

RefSeq ORF: 2070 bp

Locus ID: 316235

Cytogenetics: 9q12