

Product datasheet for **MC218098**

Prph (NM_001163589) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prph (NM_001163589) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Prph
Synonyms:	Prph1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC218098 representing NM_001163589
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCATCTTCCGCCAGCATGAGCCATCATCACTCGTCGGCCTGCGGTCCAGCATCAGCTCCACCTCGT
 ACCGCCGGACCTTTGGGCGCGCCCTCACTGTCCCCGGGGCTTCTCCTACTCGTCCAGCTCTCGCTT
 CTCAGCAGCCGCTGCTGGGCTCGGGTCCCCGAGCTCCTCGGCGGGTGGGAGCTTCCGTGCCCT
 CGAGCGGGGACTGCGCTTGCCTCGGAGCGCTCGATTTCTCCATGGCCGAGGCCCTCAACCAAGAGT
 TCCTGGCCACTCGGAGCAACGAGAAGCAAGAGTTACAGGAGCTCAACGACCGCTTCGCCAATTCATCGA
 GAAGGTGCGCTTCTGGAGCAGCAGAACGAGCCCTGCGCGGGGAGCTGAGCCAGCGCGGGGCCAGGAG
 CCGGCGCGCGCCAGCAGCTTGGCAGCAGGAGCTGCGCGAGCTGCGGCGCAACTGGAGCTGCTGGGCC
 GGGAGCGCACCAGGTGCAGGTGGAGCGGGACGGGCTGGCGGAGGACCTAGCGGCGCTCAAGCAGAGGTT
 AGAAGAAGAAACCCGAAGCGGGAGGATGCGGAGCACAACCTGGTCTTCCGTAAAGAGCTGGAGCAGC
 GCCACTCTGTCCGCCTAGAAGTGGAGCGCAAGATTGAGTCTCTGATGGATGAAATTGAGTTCCTCAAGA
 AGCTACACGAAGAGGAATTCGAGACCTGCAGGTGAGCGTAGAGAGCCAGCAGGTGCAGCAGGTGGAGGT
 AGAGGCAACAGTGAAGCCAGAGCTGACGGCGCGCTGAGGGACATCCGTGCACAGTACGAGAATCTCGCG
 GCAAAGAATCTGCAGGAGGCAGAGGAGTGGTATAAGTCGAAATATGCTGACCTGTGCGACGCCCAACC
 GCAACCATGAGGCCCTACGCCAGGCCAAGCAAGAGATGAACGAGTCTCGACGTGATCCAGAGTCTGAT
 GTGCGAGGTGGATGGGCTGCGAGGCACGAATGAGGCGTGCTCAGACAGCTGCGGGAGCTGGAAGAGCAG
 TTCGCCCTGGAGGCTGGAGGGTACCAAGCAGGCGCAGCACGGCTGGAGGAAGAGCTTCGACAGCTGAAGG
 AAGAGATGGCGAGGCACCTGCGAGAGTACCAGGAGCTCCTTAACGTCAAGATGGCCCTGGACATCGAGA
 AGCCACCTACAGGAAGCTACTGGAAGGGGAGGAGAGCCGGATCTCAGTCCCGGTTCAATCCTTTGCCTCT
 CTAAGTTTAAAGACGACTGTGCCTGAGATGGAGCCTCTCCAGGATAGCCACAGCAAGAAGATGGTTCTGA
 TCAGGACAATTGAGACCCGGGATGGGGAGAAGGTGGTGCAGAGTCCCAGAAGGAACAGCACAGTACCT
 GGACAAGTCTTCTATCCACAGCTACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001163589
- Insert Size:** 1428 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001163589.1](#), [NP_001157061.1](#)

RefSeq Size: 1769 bp

RefSeq ORF: 1428 bp

Locus ID: 19132

Cytogenetics: 15 55.72 cM