

Product datasheet for **MC217144**

Prph (NM_001163588) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prph (NM_001163588) 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: >MC217144 representing NM_001163588
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCATCTTCCGCCAGCATGAGCCATCATCACTCGTCGGCCTGCGGTCCAGCATCAGCTCCACCTCGT
 ACCGCCGACCTTTGGGCGCCGCCCTCACTGTCCCCGGGGCTTCTCCTACTCGTCCAGCTCTCGCTT
 CTCAGCAGCCGCTGCTGGGCTCGGGTCCCCGAGCTCCTCGGCGGGTGGGAGCTTCCGTGCCCT
 CGAGCGGGGCACTGCGCTTGCCTCGGAGCGCTCGATTTCTCCATGGCCGAGGCCCTCAACCAAGAGT
 TCCTGGCCACTCGGAGCAACGAGAAGCAAGAGTTACAGGAGCTCAACGACCGCTTCGCCAACTTCATCGA
 GAAGGTGCGCTTCTGGAGCAGCAGAACGAGCCCTGCGCGGGGAGCTGAGCCAGGCGGGGCCAGGAG
 CCGGCGCGCCGACCAGCTTGGCAGCAGGAGCTGCGCGAGCTGCGGCGCAACTGGAGCTGCTGGGCC
 GGGAGCGCACCAGGTGCAGGTGGAGCGGGACGGGCTGGCGGAGGACCTAGCGGCGCTCAAGCAGAGTT
 AGAAGAAGAAACCCGCAAGCGGGAGGATGCGGAGCACAACCTGGTCTTCCGTAAAGAGCTGGACGAC
 GCCACTCTGTCCGCCTAGAAGTGGAGCGCAAGATTGAGTCTCTGATGGATGAAATTGAGTTCCTCAAGA
 AGCTACACGAAGAGGAATTCGAGACCTGCAGGTGAGCGTAGAGAGCCAGCAGGTGCAGCAGGTGGAGGT
 AGAGGCAACAGTGAAGCCAGAGCTGACGGCGCGCTGAGGGACATCCGTGCACAGTACGAGAATCGCG
 GCAAAGAATCTGCAGGAGGCAGAGGAGTGGTATAAGTCGAAAGTGCAGAGCATTGGGGAAACCTGGGG
 GACCAAGGGTGGGAGGCACTGGGAATGGCGGTGCGCATCCAGCCGGGCTTGTCTGCTACCGCGCAGTA
 TGCTGACCTGTGCGACGCCGCAACCGCAACCATGAGGCCCTACGCCAGGCCAAGCAAGAGATGAACGAG
 TCTCGAGCTCAGATCCAGAGTCTGATGTGCGAGGTGGATGGGCTGCGAGGCACGAATGAGGCGCTGCTCA
 GACAGCTGCGGGAGCTGGAAGAGCAGTTCCGCTGGAGGCTGGAGGGTACCAAGCAGGCGCAGCAGGCT
 GGAGGAAGAGCTTCGACAGCTGAAGGAAGAGATGGCGAGGCACCTGCGAGAGTACCAGGAGCTCCTTAAC
 GTCAAGATGGCCCTGGACATCGAGATAGCCACCTACAGGAAGCTACTGGAAGGGGAGGAGAGCCGGATCT
 CAGTGCCGGTTTCTTCTTTGCCTCTCTAAGTTTAAAGACGACTGTGCCTGAGATGGAGCCTCTCCAGGA
 TAGCCACAGCAAGAAGATGGTTCTGATCAGGACAATTGAGACCCGGGATGGGGAGGTGGTACAGAGTCC
 CAGAAGGAACAGCACAGTACCTGGACAAGTCTTCTATCCACAGCTACTGA

ACGGTACGGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001163588
- Insert Size:** 1521 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_001163588.1](#), [NP_001157060.1](#)

RefSeq Size: 1862 bp

RefSeq ORF: 1521 bp

Locus ID: 19132

Cytogenetics: 15 55.72 cM