

Product datasheet for **RN208519**

Prph (NM_012633) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prph (NM_012633) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Prph
Synonyms:	Perf; Prph1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >RN208519 representing NM_012633
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCCATCTTCCGCCAGCATGAGCCATCACTCGTCGGCCTCCGGTCCAGCATCAGCTCCACCTCATAACC
 GCCGGACCTTCGGGCCACCGCCCTCACTGTCCCCGGGGCTTCTCCTACTCATCCAGCTCTCGTTCTC
 CAGCAGCCGCTGCTGGGCTCGGGTCCCCGAGCTCCTCGGCGCGGCTGGGCAGCTTCCGTGCCCTCGA
 GCGGGGGCCCTGCGCTTGCCCTCGGAGCGCTCGACTTCTCCATGGCCGAGGCCCTCAACCAGGAGTTCC
 TGGCCACTCGGAGCAACGAGAAGCAAGAGCTACAGGAGCTCAACGACCGCTTCGCCAACTTCATCGAGAA
 GGTGCGCTTCTGGAGCAGCAGAACGCAGCCCTGCGCGGGGAGCTGAGCCAGGCGCGGGCCAGGAGCCG
 GCGCGCGCCGACCAGCTGTGCCAGCAGGAGCTGCGCGAGCTGCGGCGGAACTGGAGCTGCTGGGCCGGG
 AGCGCGACCGGGTGCAGGTGGAGCGGACGGGTGGCGGAGGACCTGGGGCGCTCAAGCAGAGGTTAGA
 AGAAGAACTCGAAGCGGGAGGATGCGGAGCACAACTGGTGTCTTCCGTAAGGACGTGGACGACGCC
 ACGCTGTCCCGCCTAGAAGTAGAGCGCAAGATCGAATCTCTGATGGACGAAATGAGTTCCTCAAGAAGC
 TACACGAAGAGGAGCTTCGAGACCTGCAGGTGAGCGTGGAGAGCCAGCAGGTGCAGCAGGTGGAGGTAGA
 GGCAACAGTGAAGCCAGAGCTGACCGCGCGCTGAGGGACATCCGTGCACAGTATGAGAACATCGCGGCG
 AAGAATCTGCAGGAGGCAGAGGAGTGGTATAAGTCAAAAACGCTGACCTGTCCGATGCTGCCAACCCGA
 ACCATGAGGCCCTACGTGAGCCAAAGCAGGAGATGAACGAGTCCCGACGTGAGTCCAGAGTCTGACGTG
 CGAAGTGGACGGGCTTCGTGGCACAACGAGGCACTGCTCAGACAGTTGCGGGAGCTGGAGGAGCAGTTC
 GCCCTGGAGGCTGGAGGGTACCAAGCAGGCGCAGCAGCGCTGGAGGAAGAGCTTCGACAGCTGAAGGAAG
 AGATGGCGAGGCACCTGCGAGAGTACCAGGAGCTCCTCAACGTCAAGATGGCCCTGGACATCGAGATAGC
 CACCTACAGGAAGCTACTGGAAGGGGAAGAGCCGGATCTCAGTGCCCGTTCATTCCCTTTCCTTCCCTA
 AGTTTAAAGACGACTGTGCCTGAGGTGGAGCCTCCCCAGGACAGCCACAGCCGGAAGATGGTTCTGATCA
 GGACTATCGAGACTCGGGATGGGAGGTGGTGACAGAGTCTCAGAAGGAGCAGCAGTGAAGTGGACAA
 GTCTTCTATTACAGCTACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_012633
- Insert Size:** 1422 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_012633.2](#), [NP_036765.2](#)
RefSeq Size: 1753 bp
RefSeq ORF: 1422 bp
Locus ID: 24688
Cytogenetics: 7q36
Gene Summary: contributes to the formation of intermediate filament networks [RGD, Feb 2006]