

Product datasheet for **RN205263**

Ptprg (NM_134356) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ptprg (NM_134356) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ptprg
Synonyms:	Ptpg
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN205263 representing NM_134356 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCGGAGGTTACTGGAACCGTGTGGTGGATTTGTTCTGAAAATCACCAGTCTGTGCTCCATTATG
TGGTGTGCTTCCCGCATTGACTGAAGGCTACGTGGGAACCTACAGGAGAGCAGACAGGGCAGCTCAGT
GCAGATCCGAGGAGAAAGGCTTCAGGAGACCCCTACTGGCCTACTCTGGTGCCTATGGTCTGAGCAC
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GAAAAATACAGGGAAAACAGTTGCCATCCTGCTGAAAGACGATTATTTGTGAGCGGTGCTGGATTGCC
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CACTCCTCCATGTAGTGAATTGTGGAGTGGATTGCTTCCGGAGGCCGTTCCCATCTCCTACCACAG
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CGCTGTTGGCGGGCCTAGGCTTCGGTGGTGGTGGCATATCCTCCTTCCCCAGTACCGTGTGGCCACACG
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TCCCCTGGGCCGGATGGTGA CTGGCGCCTACCAAGGACGGTGAGGGTGCAGAGGAGGGGAGAAGGAGG
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GAGTGAAGCTACTCACACAGCCGAGAGAGCGACCAGACTGCACCTGCCCCACCCCTCTTCCCCTCAC
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CGTCGCTTTTTCAGTCAGAAATACAAAAGTAAAAAGGGCCAGAAAGGAAACCCCAAGGGTCTGAGAATG
AGAGGACAGTATCCAGTATCACTACACAGTGGCCTGACATGGGAGTTCCTGAGTATGCCCTGCCAGT
CCTGACCTTTGTGAGAAGTTCATCGGCAGCCCGGATGCCAGACATGGGCCCGGTGTTGGTCACTGCAGC
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GAACAGGAACTCTTGTGCTGCCAGTGA GCGCGCTCGAGTGGGACTCGCACCGTTGCCCGGGATGAA
GGAACAGATTACATTAATGCTTCTTACATCATGGGCTATTACAGAAGCAATGAGTTCATTATTACCAGC
ATCCTCTGCCACACACTACGAAAGACTTCTGGAGAATGATTTGGGATCATATGCGCAGATCATTGTCAT
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CATGATGAGTATGGAGCAGTTTCTGCAGGAATGCTGTGTGCCCTTACCACCTGTCCCAGCAGCTAGAGA
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CATTGAACAATACCAGTTTGTCTACAAAGCAATGCTCAGCTTGGTCACTAAAGAAAAATGAAAACGGT
CCCATGACAGGGGACAAAAATGGTGTGTGCTAACTGCAGAGGAATCGGACCCTGCAGAGCATGGAGT
CTCTGGTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_134356
Insert Size: 4281 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:	<ol style="list-style-type: none">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_134356.1 , NP_599183.1
RefSeq Size:	4478 bp
RefSeq ORF:	4281 bp
Locus ID:	171357
Cytogenetics:	15p16
Gene Summary:	receptor like protein tyrosine phosphatase; has four RPTP gamma isoforms, A, B, C, S [RGD, Feb 2006]