

Product datasheet for MC224468

Ptprg (NM_008981) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ptprg (NM_008981) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ptprg
Synonyms:	5430405N12Rik; AW046354; AW549872; RPTPgamma
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC224468 representing NM_008981 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCGGAGGTTACTGGAACCGTGTGGTGGATTTGTTCTGAAAATCACCAGTCTGTGCTTCATTATG
TGGTGTGCTTCCCGCATTGACTGAAGGCTATGTGGGACCCTGCAGGAGAGCAGACAGGACAGCTCAGT
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CACTGTTGGCAGGCCTGGGCTTCGGTGGTGGTGGCATCTCCTCCTTCCCCAGTACCGTGTGGCCACGCG
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 TCCCCTGGGCCGGATGTCGACTCGGCACCAGCAAGGACAGCGAGGGTACAGAGGAGGGAGAGAAGGAGG
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 AGGACTGCAGCGGAGGGAGGACATCAGACTATACCTGGGCGCAGGCAGGACCCTCTGCCCTGCCACAG
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 CATCCCGATGACATGGAAGCCATTCTGTCAAACAGTTTGGTAAACACATCGGTGAGCTCTATTCCAAT
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 AAAGTACATGCCTGCTACACCGTCCGTCGTCTTTCAGTTAGAAACACAAAAGTAAAAAGGGCCAGAAGG
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 CTTGCACCGTGGCCGGATGAAAGGAACAGATTACATTAATGCTTCTTACATCATGGGGTATTATAGAA
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 TCATAATGCACAGATCATTGTGATGCTGCCAGACAACCAGAGCCTGGCAGAAGATGAGTTTGTGACTGG
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 TCTCGAATGAAGAACAAATTATCATCCATGACTTCATCCTTGAAGCTACACAGGATGACTACGACTAGA
 GGTTCCGCACTTTCAGTGTCCCAATGGCTAACCAGATGCCCTATAAGTGTACCTTCAAGTGTGATC
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 CTGAGGAATGTTGTGTGCCCTTACCACCTTGTCCAGCAGCTAGAGAATGAAAATGCTGTGGATGTGTT
 CCAGGTGGCAAAAATGATCAATCTTATGAGACCTGGAGTATTACAGACATTGAACAATACCAGTTTGTG
 TACAAAGCAATGCTCAGCTTGTGATCAGTACTAAAGAAAATGGAAAATGGTCCCATGACCGGGGACAAAAACG
 GTGCTGTGCTAACTGCAGAGGAATCAGACCTGCAGAGAGCATGGAGTCTCTGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_008981
Insert Size: 4329 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_008981.3 , NP_033007.2
RefSeq Size:	9190 bp
RefSeq ORF:	4329 bp
Locus ID:	19270
UniProt ID:	Q05909
Cytogenetics:	14 6.33 cM
Gene Summary:	Possesses tyrosine phosphatase activity.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.