

Product datasheet for **MC201102**

Pth1r (NM_011199) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pth1r (NM_011199) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pth1r
Synonyms:	PPR; Pthr; Pthr1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC013446 sequence for NM_011199
 AGCTGGGACTTAGGCCGTTTCTGTCCCCACCAGCTGTGTCTTCTCAGGCCTGAATTGGAGACACCT
 CTCTGAAGTTCCATGGCCTCCCCATGGCCAACCTGAGTCAGCTCCTCAACCCGAGGCCCGTTTGAAGG
 CCTGTGGATTCCAGATGAGAAGACTGAGACCAGGATACCGGGAGAGTCTAGTGGGCAGGACACACAATT
 GGGCCGGCGGGCTGCCCGAGGGACGCGGCCCTAGGCGGTGGCGATGGGGACCGCCGGATCGCACCC
 AGCCTGGCGTCTTCTCTGTGCCCCAGTGTCTCAGCTCCGCATATGCGCTGGTGGACGCAGACGATGTCT
 TTACCAAAGAGGAACAGATTTTCTGTGTCACCGTGCCAGGCGCAATGTGACAAGCTGCTCAAGGAAGT
 TCTGCACACAGCAGCCAACATAATGGAGTCAGACAAGGGTGGACGCCAGCATCTACGTCAAGGAAGCC
 AGGAAAGAGAAGGCACCGGAAAGTTCTACCCGAGTCTAAAGAGAACAAGGATGTGCCACCGGCAGCA
 GGCGCCGAGGGCTCCCTGTCTGCCAGAGTGGGACAACATCGTTTGTGGCCATTGGGGCACCAGGTGA
 AGTGGTGGCAGTACCTTGTCCCGATTACATTTATGACTTCAACCACAAAGGCCATGCCTACAGACGCTGT
 GACCGCAATGGCAGCTGGGAGGTGGTCCAGGGCACAACCGGACGTGGGCCAACTACAGCGAGTGCCTCA
 AGTTTCATGACCAATGAGACTCGGAACGGGAGGTATTTGACCGCCTGGGCATGATCTACACCGTGGGATA
 TTCCATGTCTCTGCCTCCCTACCGTGGCTGTGCTCATCCTAGCCTATTTTAGGCGGCTGCACTGCACG
 CGCAACTACATCCACATGCACATGTTCTGTGTTTTATGCTGCGCGCCGAGCATCTTCGTGAAGGACG
 CTGTGCTCTACTCTGGCTTACGCTGGATGAGGCCGAGCGCCTACCGAGGAAGAGTTGCATATCATCGC
 GCAGGTGCCGCCTCCACCCGCGCTGCCCGGTTGGCTACGCTGGCTGCCGTGTGGCTGTGACCTTCTTC
 CTCTACTTCTGGCTACCAACTACTACTGGATTCTGGTGGAGGGACTGTACTTACACAGCCTCATCTTCA
 TGGCCTTTTTCTCAGAGAAGAAGTATCTGTGGGGCTTACCATCTTTGGCTGGGGTCTGCCGGCTGTCTT
 CGTGGCTGTGTGGGTGGTGTGTCAGAGCAACCTTGGCCAACACTGGGTGCTGGGACCTGAGCTCTGGGCAC
 AAGAAGTGGATCATCCAGGTGCCATCCTGGCATCTGTTGTGCTCAACTTCATCCTTTTATCAACATCA
 TCCGGGTGCTTGGCACTAAGCTTCGGGAGACCAATGCGGGCCGGTGTGACACCAGGCAGCAGTACCGGAA
 GCTGCTCAGTCCACGTTGGTGTGTTGTCCTTTCGTTGTCCTACTACCCGCTTCATGGCCTTGGCG
 TACACCGAGTCTCAGGGACACTGTGGCAGATCCAGATGCACTATGAGATGCTCTTCAACTCCTTCCAGG
 GATTTTTTGTGGCATTATATACTGTTTCTGCAATGGTGGTGGAGGAGGAGATTAGGAAGTCTTGGAG
 CCGCTGGACACTGGCATTGGACTTCAAGCGTAAAGCACGAAGTGGGAGTAGCAGCTACAGCTATGGCCCA
 ATGGTGTACACACGAGTGTGACCAATGTGGGCCCGCTGCAGGACTCAGCCTTCCCCTTAGCTCCCGCC
 TGCTTCTGCCACCACCAATGGCCACTCCAGCTGCCTGGCCACGCCAAGCCGGGCGCTCCAGCCATTGA
 GAACGAAACCATAACAGTACTATGACAGTTCCCAAGGACGACGGCTTCTTAATGGCTCCTGCTCGGGT
 CTGGATGAGGAGGCTCTGGGTCTGCGCGCCACCTCCATTGTTGCAGGAAGAATGGGAAACAGTATGT
 GACTGGGCATCAAGGGGCTGGACTGCTGGCATGGGCAGATGGACAGATGGACCAAGAAGCCAGATTTGG
 CTGGCTGTCTATTCAGGACTGGACCAGGAAGACAAAAGGAAAAGAGAAAAAAAAAAAAAAAAAAGAAAAA
 AAAAAAAAAAAAAAAAAAAAAA

- Restriction Sites:** RsrII-NotI
- ACCN:** NM_011199
- Insert Size:** 1776 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: [BC013446](#), [AAH13446](#)

RefSeq Size: 2189 bp

RefSeq ORF: 1776 bp

Locus ID: 19228

UniProt ID: [P41593](#)

Cytogenetics: 9 60.56 cM

Gene Summary: Receptor for parathyroid hormone and for parathyroid hormone-related peptide (PubMed:8197183). The activity of this receptor is mediated by G proteins which activate adenylyl cyclase and also a phosphatidylinositol-calcium second messenger system. [UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) differs in the 5' UTR, compared to variant 3. Variants 1, 2, and 3 encode the same protein.