

Product datasheet for **MR209186**

Pth1r (NM_001083935) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pth1r (NM_001083935) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Pth1r
Synonyms:	PPR; Pthr; Pthr1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR209186 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGACCGCCCGGATCGACCCAGCCTGGCGCTCCTTCTCTGTGCCAGTGCTCAGCTCCGCATATG
 CGCTGGTGGACGCAGACGATGTCTTTACCAAAGAGGAACAGATTTTCTGCTGCACCGTGCCAGGCGCA
 ATGTGACAAGCTGCTCAAGGAAGTTCTGCACACAGCAGCCAACATAATGGAGTCAGACAAAGGGTGGACG
 CCAGCATCTACGTCAAGGAAGCCAGGAAAGAGAAGGCACCGGAAAGTTCTACCCGAGTCTAAAGAGA
 ACAAGGATGTGCCACCGGCAGCAGGCGCCGAGGGCGTCCCTGTCTGCCAGAGTGGGACAACATCGTTTG
 CTGGCCATTGGGGGACCCAGGTGAAGTGGTGGCAGTACCTTGCCGATTACATTTATGACTTCAACCAC
 AAAGGCCATGCCTACAGACGCTGTGACCGCAATGGCAGCTGGGAGGTGGTCCAGGGCACAACCGGACGT
 GGGCCAACACAGCGAGTGCCTCAAGTTCATGACCAATGAGACTCGGGAACGGGAGGATTTGACCGCCT
 GGGCATGATCTACACCGTGGGATATTCCATGTCTCTTGCCTCCCTCACCGTGGCTGTGCTCATCCTAGCC
 TATTTTAGGCGGCTGCACTGCACGCGCAACTACATCCACATGCACATGTTTCTGTGCTTTATGCTGCGCG
 CCGCGAGCATCTTCGTGAAGGACGCTGTGCTCTACTCTGGCTTACGCTGGATGAGGCGGAGCGCCTCAC
 GGAGGAAGAGTTGCATATCATCGCGCAGGTGCCGCCTCCACCCGCGCTGCCGCCGTTGGCTACGCTGGC
 TGCCGTGTGGCTGTGACCTTCTTCTCTACTTCTGGCTACCAACTACTACTGGATTCTGGTGGAGGGAC
 TGTACTTACACAGCCTCATCTTCATGGCCTTTTCTCAGAGAAGAAGTATCTGTGGGGCTTACCATCTT
 TGGCTGGGGTCTGCCGGCTGTCTTCGTGGCTGTGTGGTGGTGTGAGCAACCTTGGCCAACACTGGG
 TGCTGGGACCTGAGCTCTGGGCACAAGAAGTGGATCATCCAGTGCCCATCTGGCATCTGTTGTGCTGA
 ACTTCATCCTCTTTATCAACATCATCCGGGTGCTTGGCACTAAGCTTCGGGAGACCAATCGGGCCGGTG
 TGACACCAGGCAGCAGTACCGGAAGCTGCTCAGGTCCACGTTGGTGTGTTGCCACTCTTCGGTGTCCAC
 TACACCGTCTTACGGCCTTGGCGTACACCGAGGTCTCAGGGACACTGTGGCAGATCCAGATGCACTATG
 AGATGCTCTTCAACTCCTCCAGGGATTTTTTGTGCCATCATATACTGTTTCTGCAATGGTGGAGTGCA
 GGCAGAGATTAGGAAGTCTTGGAGCCGCTGGACACTGGCATTGGACTTCAAGCGTAAAGCACGAAGTGGG
 AGTAGCAGCTACAGCTATGGCCCAATGGTGTACACACGAGTGTGACCAATGTGGCCCCCGTGCAGGAC
 TCAGCCTTCCCCTTAGCTCCCGCTGCTTCTGCCACCACCAATGGCCACTCCAGCTGCCTGGCCACGC
 CAAGCCGGGCGCTCCAGCCATTGAGAACGAAACCATAACCAGTTACTATGACAGTTCCTCAAGGACGACGGC
 TTCTTAATGGCTCCTGCTCGGGTCTGGATGAGGAGCCCTCTGGGTCTGCGCGGCCACTCCATTGTTG
 AGGAAGAATGGGAAACAGTCATG

ACGCGTACGCGGCGGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR209186 protein sequence
 Red=Cloning site Green=Tags(s)

MGTARIAPSLALLLCCPVLSAYALVDADDVFTKEEQIFLLHRAQAQCDKLLKEVLHTAANIMESDKGWT
 PASTSGKPRKEKAPGKFYPESENKDVPTGSRRRGRPCLPEWDNIVCWPLGAPGEVAVPCPDYIYDFNH
 KGHAYRRCDRNGSWEVVPGHNRWANYSECLKFMTNETREREVFDRLGMIYTVGYSMSLASLTVAVLILA
 YFRRLHCTRNYIHMFMFLSFMLRAASIFVKDAVLYSGFTLDEAERLTEEELHIIAQVPPPPAAAAVGYAG
 CRVAVTFFLYFLATNYYWILVEGLYLHSLIFMAFFSEKKYLWGFIFGWGLPAVFAVWVGVVRLANTG
 CWDLSSGHKKWIIQVPILASVVLNFIILFINIIRVLATKLRNAGRCDTRQYRKLRLSTLVLVPLFGVH
 YTVFMALPYTEVSGTLWQIQMHYEMLFNSFQGFVAIIYCFNGEVQAEIRKSWSRWTLALDFKRKARSG
 SSSYSYGPMSVHTSVTNVGPRAGLSLPLSSRLLPATTNGHSQLPGHAKPGAPAIENETIPVTMTVPKDDG
 FLNGSCSGLDEEASGSARPPPLLQEEWETVM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

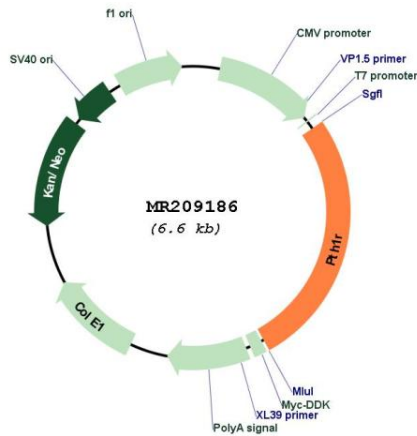
Sgfl-MluI

Cytogenetics: 9 60.56 cM

MW: 66.4 kDa

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]

Product images:



Circular map for MR209186