

Product datasheet for MC220750

Ptprm (BC058614) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ptprm (BC058614) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ptprm
Synonyms:	mKIAA4044, RPTPmu
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC058614 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGGACACTTGGGACTTGCTGGTACTTTAGCTGGACTTTTGCTAACTGCGGCCGAGAAACATTTT
CAGGTGGCTGCCTCTTTGATGAACCATACAGCACATGTGGATATAGTCAAGCTGACGAAGATGACTTCAA
CTGGGAGCAGGTGAACACCCTGACCAACCACCTCTGACCCCTGGATGCCATCAGGCTCCTTCATGCTG
GTCAACACTTCTGGAAACCAGAAGGCCAGAGAGCTCACCTGCTCCTGCCTCAGCTTAAGGAAAATGACA
CCCCTGCATCGACTTTCACTACTTTGTATCCAGCAAGAGTAACGCTGCTCCTGGGTTGCTCAATGTCTA
TGTGAAGGTGAATAATGGACCACTGGGGAATCCCATCTGGAACATATCCGGAGACCCACCCGCAGTGG
CACAGGGCAGAGCTGGCCATCAGCACGTTCTGGCCCAACTTTTACCAGGTGATTTTTGAAGTGGTGACCT
CTGGCCATCAAGGCTACCTTGCTATCGATGAAGTTAAGTCTTAGGACTCCCGTGACAAGAACTCCCCA
CTTCTGCGGATTCAGAACGTGGAGGTGAATGCCGGCCAGTTTGCTACCTCCAGTGCAGCGCCATAGGC
AGGACAGTGGCTGGGACCGGCTCTGGCTGCAGGGAATTGATGTCCGAGATGCCCTCTGAAGGAGATAA
AGGTGACTAGTTCCAGAAGATTCATAGCCTCATTAACGTTGTAACACGACCAAGAGAGACGCTGGGAA
GTACCGCTGCATGATTTGCACGGAAGGAGGTGTCGGGATATCAAACACGAGAATTGGTAGTTAAAGAG
CCACCTGTTCCCATCGCCACCTCAGCTCGCCTCTGTGCGAGCAACCTATCTGTGGATACAGCTCAATG
CCAATCCATCAATGGGACGGACCCATTGTGGCCCGCAGGTTGAGTACTGCACAGCCAGCGGGAGCTG
GAATGATCGGCAGCCAGTGGATTCCACGAGTTACAAGATTGGGCACCTTGACCCAGACACAGAGTATGAG
ATCAGTGTGCTTCTTACCAGACCAGGAGAAGGCGGCACTGGGTCTCCCGGCCAGCTCTGAGAACAAGGA
CAAAGTGTGCCGATCCCATGCGGGGCCGAGAAAAGTGAAGTTGTGGAGGTCAAATCTCGACAAATCAC
CATCCGCTGGGAGCCGTTTGGATACAATGTAACCTGTTGCCACAGTTATAATCTCACAGTGCATATGGT
TACCAGGTGGGAGGCGAGGAGCAGGTGCGAGAAGAAGTGAAGTGGGATACAGATAACTCCCACCTCAGC
ACACCATACCAACCTGTCCCGTACACCAACGTGAGCGTGAAGCTTATTCTGATGAACCCGGAGGGTGC
CAAGGAAAGCCAAGAACTCACGGTGCAGACGGATGAAGACCTCCAGGAGCTGTCCCACTGAATCCATC



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CAAGGCAGTGCCTTTGAAGAGAAGATATTTCTTCAGTGGAGAGAGCCGACACAAACATATGGGGTCATCA
 CTTTATATGAGATCACCTACAAAGCAGTCAGTTCCCTTTGACCCGGAAATAGATTTATCCAACCAAAGTGG
 GCGAGTTTCAAACCTGGGAAATGAAACCCATTTTCTGTCTTTGGCCTGTATCCTGGAACGACGACTCC
 TTCACCATCAGAGCCAGCACAGCGAAGGGGTTCCGACCTCCGGCAACAAACCAGTTCACCACAAAAATAT
 CAGCACCATCCATGCCAGCCTATGAATTTGAGACACCTTTGAATCAGACTGATAATACAGTGACTGTGAT
 GCTGAAACCTGCACAAAGCAGAGGGGCTCCAGTCAGTGTCTATCAAATCGTTGTTGAGGAAGAAGTCCCT
 CGGAGAACTAAGAAGACAACAGAGATCTTGAAGTGTACCCGGTGCCAATTCACCTCCAGAATGCGTCCA
 TCCTGAACTCACAGTACTACTTTGCTGCAGAATTTCTGCAGACAGCCTCCAAGCTGCTCAACCATTAC
 CATTGGTGACAATAAGACATACAATGGCTACTGGAACACCCCTCCTCCCCATAAAAAGCTACAGAATT
 TATTACCAAGCTGCTAGTCGAGCCAATGGGAAACCAAATTTGACTGTGTCCGAGTGGCCACAAAAGGGG
 CCGTTACTCAAAGCCTGTCCCTGAACCTGAGAAACAAACAGACCACACGGTTAAATCGCCGGAGTGAT
 TGCAGGCATCTTGCTGTTTGTATCATATTTCTTGGAGTCGTGCTGGTCATGAAGAAGAGGTCAGTCATT
 ACCCACTTCAGATCCATTGAGAGACTCCTGGGAGAGGAAGAACAGTCAGCTGCTTCGGAGAAAATGAAAC
 TGGCCAAGAAGAGGAAGGAGACGATGAGCAGCACCCGACAGGAGATGACAGTGATGGTGAATTCATGGA
 TAAGAGCTATGCTGAGCAAGGCACCAACTGCGACGAAGCCTTCTTTTCATGGGCACGCACAATCTTAAT
 GGGAGGTCTGTGCTCCTCGCCATCATCTTTACCATGAAAACAAACACGCTGAGCAGATCGGTGCCGAATT
 CCTATTACCCAGATGAGACCCACACAATGGCCAGTGACACCAGCAGCCTGGCACAGCCCCATACTTATAA
 GAAACGCGAGGCCGACAGCTGCCTTACCAGACTGGGCAGCTTCAACCCGGCCATCCGTGTGGCAGACCTC
 CTCCAACACATCACTCAGATGAAGTGGCTGAGGGCTATGGCTTCAAGGAGGAGTATGAGAGCTTCTTG
 AAGGACAGTCTGCACCGTGGGACTCTGTAAGAAAAGACGAGAACAGAATGAAGAACAGATACGGGAACAT
 CATTGCATCCATGCCGAGCTCCGAGCAGATTGATGAGCCCCCTTCTCCAGGGCTCGGACCATCCATTCT
 CTGTGTTCAACTGCTCCGAGTCATT CAGGATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** BC058614
- Insert Size:** 2973 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:** [BC058614](#), [AAH58614](#)
- RefSeq Size:** 3797 bp
- RefSeq ORF:** 2972 bp

Locus ID: 19274

Cytogenetics: 17 37.88 cM

Gene Summary: Involved in cell-cell adhesion through homophilic interactions. May play a key role in signal transduction and growth control.[UniProtKB/Swiss-Prot Function]