

## Product datasheet for **MC224485**

### Ptprm (NM\_008984) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ptprm (NM\_008984) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Ptprm  
**Synonyms:** mKIAA4044; RPTPmu  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC224485 representing NM\_008984  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGAGGACACTTGGGACTTGCCCTGGTGACTTTAGCTGGACTTTTGCTAACTGCGGCCGGAGAAACATTTT  
 CAGGTGGCTGCCTCTTTGATGAACCATACAGCACATGTGGATATAGTCAAGCTGACGAAGATGACTTCAA  
 CTGGGAGCAGGTGAACACCCTGACCAAACCGACCTCTGACCCCTGGATGCCATCAGGCTCCTTCATGCTG  
 GTCAACACTTCTGGGAAACCAGAAGGCCAGAGAGCTCACCTGCTCCTGCCTCAGCTTAAGGAAAATGACA  
 CCCACTGCATCGACTTTCACTACTTTGTATCCAGCAAGAGTAACGCTGCTCCTGGGTTGCTCAATGTCTA  
 TGTGAAGGTGAATAATGGACCACTGGGGAATCCCATCTGGAACATATCCGGAGACCCACCCGCACGTGG  
 CACAGGGCAGAGCTGGCCATCAGCACGTTCTGGCCCAACTTTTACCAGGTGATTTTTGAAGTGGTGACCT  
 CTGGCCATCAAGGCTACCTTGCTATCGATGAAGTTAAGGCTTAGGACACCCGTGCACAAGAACTCCCA  
 CTTCTGCGGATTCAGAACGTGGAGGTGAATGCCGGCCAGTTTGCTACCTCCAGTGCAGCGCCATAGGC  
 AGGACAGTGGCTGGGACCGGCTCTGGCTGCAGGAATTGATGTCGAGATGCCCTCTGAAGGAGATAA  
 AGGTGACTAGTTCCAGAAGATTCATAGCCTCATTTAACGTTGTAACACGACCAAGAGAGACGCTGGGAA  
 GTACCGCTGCATGATTTGCAGGAAGGAGGTGTCGGGATATCAAACACGAGAAATTGGTAGTTAAAGAG  
 CCACCTGTTCCATCGCCCCACCTCAGCTCGCCTCTGTGCGGAGCAACCTATCTGTGGATACAGCTCAATG  
 CCAACTCCATCAATGGGACCGACCCATTGTGGCCCGGAGGTTGAGTACTGCACAGCCAGCGGGAGCTG  
 GAATGATCGGCAGCCAGTGGATTCCACGAGTTACAAGATTGGGCACCTTGACCCAGACACAGAGTATGAG  
 ATCAGTGTGCTTCTTACCAGACCAGGAGAAGGCGGCACTGGGTCTCCCGGCCAGCTCTGAGAACAAGGA  
 CAAAGTGTGCCGATCCCATGCGTGGCCCGAGAAAAGTGAAGTTGTGGAGGTCAAATCTCGACAAATCAC  
 CATCCGCTGGGAGCCGTTTGGATAACAATGTAACCTGTTGCCACAGTTATAATCTCACAGTGCATATGGT  
 TACCAGGTCGGAGGCGAGGAGCAGGTGCGAGAAGAAGTGAAGTGGGATACAGATAACTCCCACCCTCAGC  
 ACACCATACCAACCTGTCCCGTACACCAACGTGAGCGTGAAGCTTATTCTGATGAACCCGGAGGGCCG  
 CAAGGAAAGCCAAGAAGTACCGGTGCAGACGGATGAAGACCTCCCAGGAGCTGTCCCACTGAATCCATC  
 CAAGGCAGTGCCTTTGAAGAGAAGATTTTCTTCACTGAGGAGAGCCGACACAAACATATGGGGTCATCA



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CTTTATATGAGATCACCTACAAAGCAGTCAGTTCCTTTGACCCGAAATAGATTTATCCAACCAAAGTGG  
 GCGAGTTTCAAACCTGGGAAATGAAACCCATTTTCTGTTCTTTGGCCTGTATCCTGGAACGACGACTCC  
 TTCACCATCAGAGCCAGCACAGCGAAGGGTTCGGACCTCCGGCAACAAACAGTTCACCACAAAAATAT  
 CAGCACCATCCATGCCAGCCTATGAATTTGAGACACCTTTGAATCAGACTGATAATACAGTGACTGTGAT  
 GCTGAAACCTGCACAAAGCAGAGGGCTCCAGTCAGTGTCTATCAAATCGTTGTTGAGGAAGAAGCTCCT  
 CGGAGAATAAGAAGACAACAGAGATCTTGAAGTGTACCCGGTGCCAATTCAGTCCAGAATGCGTCCA  
 TCCTGAACTCACAGTACTACTTTGCTGCAGAATTTCTGCAGACAGCCTCCAAGTGTCTCAACCATTTAC  
 CATTGGTGACAATAAGACATACAATGGCTACTGGAACACCCCTCCTCCCCATAAAAAGCTACAGAATT  
 TATTACCAAGCTGCTAGTCGAGCCAATGGGAAAACAAAATTGACTGTGTCCGAGTGCCACAAAAGGGG  
 CCGTTACTCAAAGCCTGTCCCTGAACCTGAGAAAACAAACAGACCACACGGTTAAAATCGCCGGAGTGAT  
 TGCAGGCATCTTGCTGTTTGTATCATATTTCTGGAGTCGTGCTGGTCATGAAGAAGAGGAAAAGTGGC  
 AAGAAGAGGAAGGAGACGATGAGCAGCACCCGGCAGGAGATGACAGTGATGGTGAATCTATGGATAAGA  
 GCTATGCTGAGCAAGGCACCAACTGCGACGAAGCCTTCTTTTCATGGGCACGCACAATCTAATGGGAG  
 ATCTGTGCTCTGCCATCATCTTTACCATGAAAAACAAACACGCTGAGCACATCGGTGCCGAATTCCTAT  
 TACCCAGATGAGACCCACACAATGGCCAGTGACACCAGCAGCCTGGCACAGCCCCATACTTATAAGAAAC  
 GCGAGGCCGAGAGCTGCCTTACCAGACTGGGCAGCTTACCCCGCCATCCGTGTGGCAGACCTCCTCCA  
 ACACATCACTCAGATGAAGTGCCTGAGGGCTATGGCTTCAAGGAGGAGTATGAGAGCTTCTTTGAGGA  
 CAGTCTGCACCATGGGACTCTGTAAGAAGACGAGAACAAGATGAAGAACAGATACGGGAACATCATTG  
 CATATGATCACTCTCGGGTACGGCTCCAGATGCTGGAAGGGGACAACAATTCAGACTACATCAATGGCAA  
 TTACATCGATGGCTATCATCGACCAATCATTATATTGCAACCCAAGGACCCATGCAGGAGACTATCTAT  
 GACTTCTGGAGGATGGTGTGGCATGAGAACACGGCAAGCATCATCATGGTGACCAACCTTGTGGAAGTGG  
 GAAGGGTGAATGCTGTAATACTGGCCAGATGACACCGAGATCTACAAAGACATTAAGTCAACCCTAAT  
 AGATACAGAGCTGCTGGCAGAATATGTGATAAGAACGTTTGGCGTGGAAAAGAGAGGCATTCATGAAATC  
 CGAGAGATCAGACAGTTTCACTTACCCGGCTGGCCGGACCAGGGCTCCCCTACCATGCCACTGGCCTGC  
 TGGGATTTGTCCGGCAGGTCAAATCCAAGAGCCACCCAATGCAGGCCCGCTGGTGGTACTGTCAGTGC  
 TGGAGCAGGAAGGACAGGTTGCTTCATTGTCAATGATATCATGTGGACATGGCAGAAAAGGGAAGGAGTG  
 GTGGACATCTACAACCTGTGTGAGAGCTTCCGGTCCAGGAGAGTCAACATGGTGCAGACAGAGGAGCAGT  
 ACGTCTTTATCCATGATGCGATCCTGGAAGCCTGTCTTTGTGGAGACACCTCCATCCCTGCCTCCCAAGT  
 CAGGTCTCTACTATGACATGAACAACTGGACCCACAGACAACTCAAGCCAAATTAAGAGGAATTC  
 CGGACTCTCAACATGGTGACCCACGCTGCGTGTGGAGGACTGCAGCATCGACTCCTACCCCGGAACC  
 ACGAGAAAAATCGCTGCATGGACATCCTGCCTCCGGACCCTGCCTGCCCTTCTCATCACCATCGATGG  
 AGAGAGCAGCAACTACATCAATGCAGCCCTAATGGACAGCTATAAACAGCCTTCAGCATTATAGTCACC  
 CAGCATCCTTTGCCAAACACCGTCAAAGACTTCTGGCAGCTGGTCTTGGATTACCACTGCACATCCGTAG  
 TTATGTGAACGATGTGGATCCTGCCAGCTGTGTCCACAGTACTGGCCAGAAAATGGAGTGCACAGACA  
 TGGCCCCATCCAGGTGGAATTCGTGTCTGCAGACTTAGAAGAAGACATCATCAGCAGAAATTTTCAGGATT  
 TACAACGCCTCCAGACCCAGGATGGACATCGGATGGTTCAGCAGTTCAGTTCCTGGGCTGGCCGATGT  
 ACAGGGACACGCCGTGCAAGCGCTCCTTCTGAAGCTCATACGCCAGGTGGACAAGTGGCAGGAGGA  
 ATACAATGGCGGGAAGGCCGCACAGTCGTGACTGCTTGAACGGAGGAGGCCAGTGGTACATTTCTGT  
 GCCATCAGCATTGTCTGTGAGATGCTCCGACACCAGAGAACTGTGGATGTCTTCCATGCTGTCAAGACAT  
 TGAGGAACAACAACCAACATGGTGGACCTCCTGGATCAGTACAAGTTCTGCTATGAGGTGGCCCTGGA  
 GTACCTGAATTCGGGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: NM\_008984  
 Insert Size: 4359 bp

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_008984.2</a></u> , <u><a href="#">NP_033010.2</a></u>
<b>RefSeq Size:</b>	5569 bp
<b>RefSeq ORF:</b>	4359 bp
<b>Locus ID:</b>	19274
<b>UniProt ID:</b>	<u><a href="#">P28828</a></u>
<b>Cytogenetics:</b>	17 37.88 cM
<b>Gene Summary:</b>	Involved in cell-cell adhesion through homophilic interactions. May play a key role in signal transduction and growth control.[UniProtKB/Swiss-Prot Function]