

Product datasheet for **MC203633**

PPP6r1 (NM_172894) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ppp6r1 (NM_172894) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ppp6r1
Synonyms: 2010309P17Rik; AI836219; B430201G11Rik; D030074N20Rik; mKIAA1115; Pp6r1; Saps1
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF:

>BC053076
 CCGCTGGGGCCGGGAGACCCAGCCGCTTCGGGTGACAGTAAAGCCGAGGGGACGGGCGTCCGCTCTCGG
 TGCAATTCTGCACCCGTCGGGCTGCGGAGGCTTTTCTGTCCCGGGTGCCGGCGTGCAGTGTG
 TAACCCGCGCGACTTCCCCGTCGCCCTGCTTCGGAGGCGCCTCGCGGGCCTCGCGTCCGCCACGGAG
 CTCTGCGGTGGAACGAGTGCGCCTACTTTTTCGCGACGACCCGAACCTCGTCAAGCTCGGTGGTGAAGCA
 GGGGATTCCCTGTGACTGGAGGGCGCTTCGCGGGTTCGCGAGCTCCGGCCCCGGGCGCTGCGCGAGCCC
 ACCGGCGCCGCCCGCCCTCTTAGCCGGCCCCTCGACAGGGCCGGAGCCGCGCGGGCGGGGCGGCGAG
 GGGCGCCCCGATGAGCCCCGAGTGCAGGAGCCGCGCCCCCGCGCAGGGCGCCATGTTTTGAAAGTT
 TGATCTGCACACAAGCTCTCACCTGGACACTGCTGGAGAAGGAGGACCTGAGCCTGCCTGAGCTGCTG
 GATGAGGAGGATGTGCTGCAGGAGTGAAGGTGGTCAATCGGAAGCTCCTAGACTTCTGCTACAGCCGT
 CCCACCTGCAGGCCATGGTGGCCTGGGTTACCCAGGAGCCCCAGCCAGTGGGGAGGAGCGGCTACGCTA
 CAAGTACCCTAGTGTAGCCTGTGAAATCCTGACCTCTGATGTGCCCCAGATCAACGATGCCTGGGTGCA
 GATGAGTCCCTCCTGAACCGACTCTATGGCTTCTGACAGAGTGGTACAGCCTCAACCCGCTGCTTGCTA
 GCTTTTTCAGCAAAGTCAATGGGCATTCTTATCAATCGCAAGACAGACCAGCTTGTGCTCCTTCTGCGCAA
 GAAAGATGACTTTGTGGACCTGTTGCTGCGGCACATTGGTACCTCAGCCATCATGGATCTCCTGTTGCGT
 CTGCTGACTTGTGTGGAGCGCCTCAGCTGCGGCAGGATGTCTTCAATTGGCTCAACGAAGAGAAGATTG
 TCCAGCGGCTAATTGAGCAGATTCACCCATCAAAGGATGACAATCAACATTCCAATGCATCTCAGTCCCT
 GTGTGACATCATCCGCTAAGCCGCGAGCAGATGATCCAAGGCCAGGACAGCCCGGAGCCAGACCAGCTG
 TTGGCCACCTTGGAGAAGCAGGAGACCATCGAGCAGCTCCTCAGTAACATGTTTGGGGAGAGCAGTGCC
 AGTCTGTCAATTGTGAGTGGATCCAGGTGTTGCTCACCCTCCTGGAACCTAGGAGGCCAAGTCTGACTC
 TGTGACCATGAACAACCTCTTTAGCAGTGTGGATGGGCGAGTTGGAGCTCCTGGCTCAGGGAGCCCTGGAT
 GATGCACTGTCTAGTATGGGTGCCTTGCATGCCCTGCGTCCCCGGCTTGTGCTTCCATCAGCTCCTGC
 TTGAGCCTCCCAAGCTGGAGCCTCTGCAGATGACGTGGGGCAGTCTGGCGCCACCACTGGGTAACACGAG
 GTTACACGTGGTCAAGCTCCTGGCCAGTGCCTGAGTGCCAACGCCGCTGCCTTGACGCAGGAGCTTTTG
 GTGCTGGATGTGCCAACACCTTACTGGACCTTCTTCCACTATGTATTCAACAACCTCCTGCATGCTC
 AAGTGAAGTGTGTGTGAGCGCAATGCTGAGTTCGGGCCCCCTCCAGACAGCAGCTCTGAGACACCTGT
 CCCAAACCCTATCGTGAACATCTCCTTACGACTGCCGCTGGTGGAGCGCATTCTGGCATCCTGGGAG



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GAGAACGACCGTGTGCAGTCTGGAGGGGCCAAGGAAAGGCTACATGGGCCACCTGACTCGGGTGGCCA
 ATGCTGTGGTGCAGAATGCAGAACAGGGGCCAATGCTGAACAACCTGGGACAACCTGCTAAAGGAGCTGCC
 AGAGGAGCAGCAGCAGCGATGGGAAGCATTGTGTGAGGACCCCTGGCCGAGACCAACAAGAAGACACA
 GTGGATCTGGTAAACACTCACCACCTGCATTCTCCAGTGATGATGAGGATGACCGCCTCAAGGAGTTCA
 ACTTCCCTGAGGAGGCTGATTGCAACAGGCCTTCATGGACTTCCAGATGCAACGCATGACCTCAGCCTT
 CATTGACCACTTTGGCTTTAATGATGAGGAATTTGGGGAGCAGGAAGAAAGTGTGAATGCACCTTTGAC
 AAGACTGCCAACATTACCTTCTCCCTAAATGCTGACGATGAAAAATCCCAATGCCAACCTGGCTTGAGAT
 GCTACAAGGACCGATCCAGCAGTTTGATGATGAGGAAGAAGAGGAAGAGGAGGGCCAAGGCTCAGCAGA
 GTCAGATGGAGAGTATGGTGCCTGGCAGGGCAGCCAGCCAGTGAGAGCGTCCCAGGCAAGCCAGCCCCCT
 GGTGTGCGGAGTGGAGGAAGCACAGACAGCAGGAGGAGGACGAGGAGGAGGACGAGGAGGAGGATGAGG
 GGGCTGAGCAGGCAGCCTGTGGAAGAACCAGCCCTTCTCCTTCCCAGCCCCAGCACTCAGCCTCCTGG
 CCCAAGTTGGACTGCTACCTTTGACACAGTGCCTATGGATGCCCAACAGGTCCCCCAGTTTCTAAGGAG
 GCAGACATGTCCTCTATCCAGATCCATCCAGCCCTCCAGCCACGGTCCCCACAGCTCAGGTCTCAGG
 ACCCCACACATCCCTCAGCACCTCAGGAAGTACAGATAGCAGCAAAGTAGCAGAGCCCTTGGCCCCCTG
 CCAGGCCCTGGTTAGTGTGCGGATGTCCAGGCCACACTGCATGGGATGCGCTCTGCCCCAGCTCCTTG
 GACAGTGCAACCAGAGACCCCTCTACCTGTGCCAGACTTCAAGGCCACCAGTCTCCTCAGACCATGG
 AGGGGAAAAGGAGCCAGAACATTTGGGGCTTCCCAAAGCCAGAGTGCCCTTGAGATGCCCAATGGCTC
 TACCCAGGAGGGCTATTTTCATCGGGTCCCAGTAGCTGCCTGGTGACAGTGGTGGCCAAATCCTCTGT
 CCTCCCTGTGGAATCCCTCTGTGGGGCAGGATGAGTCTTTGGTGGCCCTCTACTCTATTGTCCCACACC
 CTACATTTCTCCTCTGGACTCCCAAGGAGGCTGGTGCCAGGGAGATGCCCTCACCCACCCCATTTGCA
 CTGAGAAGAGAACTATGGAGTTTTGTCTCCAAGAATAAAGATAGAGAGTACATAGAAAAGGAAAGAGAG
 AGAGAGAGCGAGAGAGAGAGAGAAGTATATTATATATTATATATATATATATATATATATATATATAT
 ATATATATATATATATATATATATATATATACATATACATATATATGTTGAGGGAGGTAAGAAAGAAA
 GCCAGGACAATAACTGGGCCAGCAGCTCTGAAGCACACCTTCCCGTCTGTCCCAGTAGGGGCTGGCGCT
 GGGGTTGAGGCCGCTGGCCTGTGCTCTGGTGCAGATGCTCTTACCCAGTTCACCTCAGGACCACCTTGG
 GGTGTAACAGAGGGTGTATCCGGCCCTGGCCCTGGGGAACATCCCTAGAGGCCAGAATGGGGTTGC
 TGGGTACCCATGCCCTGAGGGTCCAGCACTGCTGCCAAGTGGCCTTGTCCCAGTCCCCTGCCCC
 CCAAGGCTGGTGTGAGTGTGCAAGTATGTGTGCAGAGCTGTGTTTCATACTGCAGATATAAATAAAGGA
 AGATAGCAGAACAAAAAAAAAAAAAAAAAAAAA

- Restriction Sites:** Ascl-NotI
- ACCN:** NM_172894
- Insert Size:** 2571 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:** [BC053076](#), [AAH53076](#)

RefSeq Size:	3812 bp
RefSeq ORF:	2571 bp
Locus ID:	243819
UniProt ID:	<u>Q7TSI3</u>
Cytogenetics:	7 A1
Gene Summary:	Regulatory subunit of protein phosphatase 6 (PP6). May function as a scaffolding PP6 subunit. Involved in the PP6-mediated dephosphorylation of NFKBIE opposing its degradation in response to TNF-alpha (By similarity).[UniProtKB/Swiss-Prot Function]