

Product datasheet for **RN210452**

Ptprt (NM_001108603) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ptprt (NM_001108603) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ptprt
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN210452 representing NM_001108603 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTGGACCCAGCTGTGCCACAGGGTCTTCATGATGGTGAATAGCTCTGGAAGAGCTTCAGGCCAGA
AAGCCCATCTTCTTACCAACCTTGAAGGAGAATGATACCCACTGCATTGACTTCCATTACTACTTCTC
CAGCCGAGATCGCTCCAGTCCGGGAGCCTTGAATGTCTACGTGAAGGTGAATGGTGGTCCCCAAGGGAAC
CCTGTCTGGAACGTGTCTGGGGTCTGCTCACTGAGGGCTGGGTGAAGGCAGAACTTGCCATCAGTACCTTCT
GGCCTCATTTCTACCAGGTGATTTTGAATCCGTCTCTTTGAAAGGTCATCCTGGTTACATCGCTGTGGA
CGAAGTTCGAGTCTTGCTCATCCATGCAGAAAAGCACCTCATTTCTGCGACTCCAAAAATGTTGAGGTG
AATGTGGGGCAGAACGCCACGTTTCAGTGCATTGCCGGTGGGAAGTGGTCCAGCATGACAACTTTGGC
TCCAGCAATGGAATGGCAGAGACACGGCCCTCATGGTCACCCGGGTGGTCAACCACAGGCGCTTCTCAGC
CACAGTGAGTGTGGCAGACACCTCTCAACGCAGTGTCTCCAAGTATCGCTGTGTGATCCGCTCAGACGGT
GGGTCTGGCGTATCCAATATGCAGAGCTGATCGTGAAGAGCCTCCACACCTATTGCTCCCCAGAAC
TACTGGCAGTGGGGCCACCTACCTGTGGATTAACCAAACGCCAACTCTATTATTGGGGACGGCCCAT
CATTCTGAAGGAGGTAGAATACCGCACGACCACAGGCACCTGGGCTGAGACCCACATCGTGGACTCTCC
AACTACAAGCTCTGGCATCTGGACCCCGATGTGGAGTACGAGATCCGGGTGCTGCTCACAGACCCAGGAG
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TCTGGAGTCCATCCAAGGAGGACCTTTGAGGAGAAGATCTATATCCAGTGGAAACCTCCAATGAGACC
AATGGGGTCATCACACTCTATGAGATTAATTACAAGGCTGTTGGCTCACTGGATCCAAGTGTGACCTGT
CCAGCCAGAGGGGGAAAGTGTTCAAACTCCGGAATGAAACCCATCACCTCTTTGTGGGTCTGTACCTGG
GACTACCTACTCTTTACCATCAAGGCCAGCACAGCCAAGGGCTTTGGACCCCAAGTCCACTCGGATT
GCCACCAAGATTTAGCTCCATCAATGCCCGAATATGATGCAGATAGCCCACTCAATGAAACAGATACGA
CCATCACAGTGTCTCAAACCTGCCAGTCCCGGGGAGCCCTGTCAGCGTTTACCAGTTGGTTGTCAA
GGAGGCGCACTCAGAAGTCTCGGAGAGCAGCTGACATCATCGAGTGTCTCAGTGCCCGTGGACTAC
CGGAATGCCTCAAACCTCGATTCTACACTACTTTGCTGCTGAGCTGAAGCCCTCAATCTGCCTGTCA
CCCAGCCCTTACAGTGGGAGACAACAAGACCTACAATGGCTACTGGAATCCACCCTCTCCCCATTA



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GAGCTACAGCATCTACTTCCAGGCTCTCAGCAAAGCAAATGGAGAGACAAAAATCAACTGCGTGCCTCTG
 GCTACAAAAGGTGCTTCCACCCAGAATTCTAACACTGTGGAGCCCAGAGCAGGTGCACAACACAGTGA
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 GAACATCATATCTTATGACCACTCCCGAGTGAGGCTGTTGGTGTGGATGGAGACCCTCACTCAGACTAC
 ATCAATGCCAACTACATTGATGGGTACCACCGACCCCGGCACTACATCGCAACTCAAGGTCCAATGCAAG
 AGACCGTGAAGGACTTTTGGAGAATGATCTGGCAGGAAAACCTGCGCAGCATCGTCATGGTCACAAAACCT
 TGTGGAAGTGGCAGGGTGAAGTGTGTCCGATACTGGCCAGATGACACAGAGGTCTATGGAGACATTA
 GTCACCCTAATAGAAACAGAGCCCCTGGCAGAATACGTACCTCCGTACCTTACAGTCCAGAAGAAAGGCT
 ACCATGAGATCCGGGAGCTCCGCCTCTTCCACTTACCAGCTGGCCTGACCATGGTGTTCCTGTATGC
 CACTGGCCTTCTGGGCTTGTCCGCCAGGTCAAGTTCTCAACCCCCAGAACCCGGGCCATAGTGGTC
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 ATGAAGGGGTTGTGGACATCTTCAACTGTGTGCGTGAACCTCCGGGCACAGAGGGTCAACCTGGTGCAGAC
 AGAGGAACAGTACGTGTTTGTGCATGATGCCATCCTGGAAGCATGCCTCTGCGGCAACACGGCCATCCCC
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 AAGATGAGTTTCAGACTCAACATCGTGACACCTCGGGTGGCCCTGAGGACTGCAGCATTGGGCTCTT
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 TCAGTAGATGGAGATCCAGCAACTACATCAATGCAGCACTGATGGATAGCCACAAGCAGCCCGCCGCT
 TTGTGGTCACCCAGCACCTCTACCCAACACTGTGGCAGACTTCTGGAGGCTGGTGTGATTATAATTG
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 TCTGGGTGTTATGGTCCCATCCAGTGGAGTTCGTCTCTGCAGACATTGATGAGGACATCATCCACAGAA
 TCTTCCGTATCTGTAACATGGCTCGGCCACAGGACGGTTACCGTATTGTCCAGCACCTCCAGTACATTGG
 CTGGCCTGCATACCGAGACACACCGCCCTCCAAGCGCTCTCTGCTCAAAGCGGTCCGACGGCTGGAGAAA
 TGGCAGGAGGAATATGATGGAAGAGAGGGTCGCACTGTGGTCCACTGCCTAAACGGGGGAGGCCGACGG
 GAACCTTCTGTGCTATCTGCAGCGTGTGCGAGATGATCCAACAGCAGAACATCATCGACGTGTTCCACAT
 CGTGAAGACCCTCCGCAACAACAATCCAACATGGTGGAGACGCTGGAACAGTATAAATTTGTATATGAG
 GTGGCACTGGAATATTTAAGTTCTTTTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:

NM_001108603

Insert Size:

3810 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: [NM_001108603.1](#), [NP_001102073.1](#)

RefSeq Size: 5787 bp

RefSeq ORF: 3810 bp

Locus ID: 362263

Cytogenetics: 3q42