

Product datasheet for RN201268

Ptprf (NM_019249) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ptprf (NM_019249) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ptprf
Synonyms:	LARFN5C
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN201268 representing NM_019249 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCCCGAGCCAGCGCCAGGGAGGAGGATGGTGCCCTTGTGCCTGCCCTCGTGATGCTGGGTTTGA
TGGCAGGTGCTCATGGCGACAGCAAACCTGTCTTTGTTAAGGTCCCCGAGGACCAGATCGGGCTGTCGGG
AGGGGTGGCTCCTTCGTGTGCCAAGCCACAGGGGAACCAAGCCTCGAATCACATGGATGAAGAAGGGA
AAGAAAGTCAGCTCCCAGCGCTTTGAGTAATTGAGTTTGACGACGGAGCAGGGTCAGTGTGCGGATCC
AGCCATTACGAGTACAGCGAGACGAAGCCATCTATGAGTGCACGGCCACGAACAGTCTCGCGGAGATCAA
CACAAGTGCCAAGCTGTCAGTACTTGAAGAGGACCAGCTGCCGTCTGGGTTCCCGACTATCGACATGGGA
CCTCAACTGAAGGTGGTGGAAGGCTCGCACTGCCACCATGCTGTGTGACGCTGGTGGAATCCAGACC
CTGAGATCTCTTGGTTCAAAGACTTCCTTCTGTGGACCTGCTTCAAGCAACGGTCGTATCAAGCAGCT
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AACTCGGCAGGCACACGCTACTCGGCCCCGCCAACCTGTATGTGCGAGTGCGCCGCGTGGCTCCTCGTT
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AGCACCCATGCCGTATGTGAAGTGGATGATGGGCGCCGAGGAACCTACCAAAGAGGACGAGATGCCAGTT
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GACAGAGACAACCTGCCACCAAGTGTACCCTGACATGGGACTCTGAAATACCGAGCCTGTGTCTTTCTAC
GGCATCCAGTACCGTGCAGCTGGCACAGACGGCCCTTCCAGGAAGTGGATGGTGTGGCCAGCACCCGAT
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CAGGCCGAATGCTGAGCGCCAGCACCATGCTGGTACAGTGGGAACCCCTGAAGAGCCCAATGGCCTGG
TACGGGGATATCGAGTCTACTACACCCAGACTCTGACGCCCTTGGAGCCTGGCACAAGCATAACAC
CGACGCAGGACTCCTTACCACCGTGGGAGCCTGCTACCTGGCATCACCTACAGCCTCCGCTTCTGGCC



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TTTACTGCCGTGGGCGACGGCCCTCCCAGCCCCACCATCCAAGTCAAGACACAGCAGGGAGTGCCTGCAC
 AGCCTGCAGACTTCCAGGCCAAAGCCGAGTCCGACACCAGGATCCAGCTATCATGGCTGCTGCCCCGCA
 GGAGCGGATCATCAAGTATGAGCTGGTGTACTGGGCAGCAGAGGATGAAGGCCAGCAGCACAAAGTGACC
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 CTCGCTCAGATTTGGGGTGGCGTCTTCACTCCCACCGTAGAGGCTGTACAGCACAGTCCACCCCATC
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 CCGGCTGACAGCCGCAACGGCATTATCACCCGACTCCCGTGGCCTATGAGGCAGTGGACGGCGAGGACC
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 GACGGAGTACCGGTGTGGTGCGGGCACACAGATGTGGGCCCTGGCCTGAGAGCAGCCGGTACTG
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 CGTCAAAGGATGAGCAGTCAATCGGGCTGAAGGACTCCCTGTTGGCCACTCTTCTGACCCTGTGGAAT
 GCGAAGGCTTAACTACCAGACCCAGGTATGCGAGACCACCCGCCATCCCCATCACTGACCTGGCAGAC
 AATATTGAACGTCTAAAGCCAATGATGGGCTCAAGTTCTCCAGGAGTATGAGTCCATTGACCTGGAC
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 TACATTGATGGCTACCGAAAGCAGAATGCCTACATCGCCACACAGGGTCCGCTGCCTGAGACCATGGGTG
 ATTTCTGGAGGATGGTGTGGGAACAGCGTATAGCCACAGTGGTCAATGATGACCAGGCTAGAGGAGAATC
 CCGGGTGAAGTGTGATCAGTATTGGCCAGCCGTTGGCACTGAGACCTATGGCCTCATTAGGTGACCCTG
 GTGGACACTGTGGAGTTGGCCACGTACACCATGCGCACCTTCGCACTCCATAAGAGCGGCTCCAGTGAGA
 AGCGTGAGCTGCGTCAGTCCAGTTCATGGCCTGGCCAGACCATGGGGTCTCTGAGTACCCCACTCCCAT
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 GCTGGTGTGGCCGCACGGGCTGCTTCATTGTCATCGACGCAATGCTGGAGCGTATGAAGCACGAGAAGA
 CAGTTGACATCTATGGCCACGTGAGTGCATGCGCTCACAAAGGAACTACATGGTGCAGACAGAGGACCA
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 CAAGAACCCTGGTGAACATCATGCCCTATGAGCTGACTCGAGTGTGCCTGCAACCCATCCGTGGTGTG
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AGGGGCCTCTGGCGGAGAGCACCGAGGACTTCTGGCGCATGTTATGGGAGCACAATTCACCATCATCGT
 CATGCTGACGAAGCTTCGGGAGATGGGCAGGGAGAAATGTACCAGTACTGGCCAGCAGAGCGCTGCT
 CGCTATCAATACTTTGTCGTTGACCCGATGGCTGAGTACAACATGCCCCAGTATATCCTGCGTGAATTCA
 AAGTCACAGATGCCCGGGATGGGCAGTCAAGGACAATCCGACAGTTCCAGTTTACAGACTGGCCAGAGCA
 AGGAGTACCCAAGACGGGGGAAGGCTTCATCGACTTTCATCGGGCAGGTGCACAAGACAAAGGAGCAGTTT
 GGACAGGATGGGCCATCACAGTACACTGCAGTGTGGTGTGGGCCGCACAGGGGTGTTATCACCTGA
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 ACAGCGCCCTGCAATGGTGCAGACAGAGGACCAATACCAGCTGTGCTACCGTGCGGCCCTGGAATACCTC
 GGCAGCTTTGATCACTATGCAACGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_019249
- Insert Size:** 5697 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_019249.1](#), [NP_062122.1](#)
- RefSeq Size:** 6545 bp
- RefSeq ORF:** 5697 bp
- Locus ID:** 360406
- UniProt ID:** [Q64604](#)
- Cytogenetics:** 5q36
- Gene Summary:** 11 kDa ectodomain isoform of the LAR protein tyrosine phosphatase receptor family; may play a role in homophilic cell adhesion and neurite outgrowth [RGD, Feb 2006]