

## Product datasheet for **RN200854**

### PPP1R13B (NM\_001108062) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	PPP1R13B (NM_001108062) Rat Untagged Clone
Tag:	Tag Free
Symbol:	PPP1R13B
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN200854 representing NM_001108062 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGATATTAACCGTGTCTTGAGCAACAATGAACAGATTTTAAACAGAAGTTCCTATAACACCTGAAACCA  
CCTGTCGAGATGTCGTAGAATTCTGCAAGAACCTGGAGAGGGCGGCTGCCACCTGGCCGAAGTGTGGAG  
AGGAAGTGAGCGTCCCATCCCCTGTGACCACATGATGTATGAGCACCTACAGAAGTGGGGGCTCGCAGG  
GAAGAGGTAAAATTTTTCTTCGCCATGAGGATTCTCCAAGTGAAGCAGTGAACAAGGTGCCCGTCAGA  
GCCAAGAGCAGAGAACGCAGAGAACGTTATGAATGTTCTGGAGAGAAGCACACTGAAAATGGGGAACA  
GCGTTTACATTTCTAAAGCAACAGGAGCGCCGACGAGTCCATTTCTGAGAATGAGAAGTTCAG  
AAACTGAAGAACGAGTGAAGCCAGGAGAACAAGCTGAAGAAGATCCGGGCCATGAGAGGACAAGTGG  
ACTACAGCAAAATCATGAATGGCAATCTGTCTGCTGAGATTGAAAGGTTACGCGCCATGTTCCAGGAAAA  
GAAGCAGGAAGTTCAGACTGCCATCTTACGAGTCGATCAGCTCAGTCAGCAACTAGAAGATTTAAAGAAA  
GGAAAGCTGAATGGTTCAGTCATACAACGGCAGGTTGACAGGGCCAGCAGCAGTGGAGTTAAAACGAC  
TCTACCAAGAGCTGCAGATTCGTAACCAGCTTAATCAGGAGCAGAATCCAAGCTCCAGCAGCAGAAGGA  
GCTCCTGAACAAGCGCAACATGGAGGTGGCCATGATGGATAAGCGGATCAGCGAGCTTCGTGAGCGCCTT  
TACGGCAAGAAAATCCAGGCACCTGAACCGTGTGAATGGGACATCATACCACAGTCACCCCTGAGCACA  
TCCGGCCGGTGCCTGCTGTGGTCTTATATCCAGGGGATCCTGTAAGCCCCAGTCTCTCACCATTGC  
CTCGAGTGTGCCACGGAAGATCCAAATCTGCTAATGATGGAAGTGGCCAACGTTAAAGCAGAATTCT  
GCTTCAGTGAAGTCAACTCAGATGGTGGTGGGACTGGAAGGACTCAGGCATGGAGGGGACCCTAAAGC  
AAGGTGCCATCTCAAGCCAGCCTTTGCCTCTGTCCGACTGGGAGCTACAGACAAGCTGGGCATCGAGAT  
TGGCAAAGGGCCACCTCCCATACCTGGTGTAGGCAAGCCACTTCCCCAAGTTATGGGACATATCCAAGC  
CCTGGGCCCTGGGCCAGGGTCAACAAGCTCCCTGGAGAGGAGAAAGAAGGAAGCTTGCCAGACCTG  
CTGCAGGCCACCGAGTCGGCAGAAGCCCGCCCACTGCCCCAGCTGGCAGCGCTCCCCAACCCAGCTC  
CTCACAGCAGATTCAGCAGAGGATCTCAGTGCCACCAAGTCCCACATACCCACCAGCGGGGCCCTGCC  
TTCCAGCTGGAGACGGAACCTGAGCTGCCACTCACAGTGGCCATTAGGCCTTCTGCTGATAAAG  
GGTCAAGGCCACAGTCTCCTAGGAAGGGACCTCAGACAGTAAACTCAAGCTCTATACTCCATGTACCT  
CCAGCAAGCCACGCCACCTAAGAATTACCAGCCACCAGCTCATGGCACCTAAACAAGTCAGTTAAAGCA



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GTGTATGGTAAACCTGTCTACCGTCAGGGTCAGCGTCTCCATCGCCCTACCGTTTCTTCATGGGTCGC  
 TGGGCACAGGCACGACACAGCCGACCCACCTTCAGAATGTGCTGAGAAGGAGGCAGAGCCGGAAGGCC  
 CAGCGTGCCTGGAGAAGGCAGCAGGTGAAAGCCTGCCACGGCCGCTCAGTCCCACAACTCACACCC  
 ATTGTACACTCCCCTCCGCTACCAGAGCGATGCGGACCTGGAAGCTCTCCGCAGGAAGCTGGCCAATG  
 CACCCCGACCCCTGAAGAAGCGCAGCTCTATCACGGAGCCAGAGGGCCCTGGAGGGCCCAACATTCAAAA  
 GTTGCTTTATCAACGCTTCAACACCCTGGCTGGCGCATGGAGGGTACCCCTTTCTACCAGCCAGCCCG  
 TCACAGGACTTTGTGGCACCTTAGCTGATGTGGACAATGGAAACACCAATGCCAATGGCAACTGGATG  
 AGTCTTTCCCTCCCGGCCACGGCCCACTTCTGATGAGCTTGCCCATCCTCAGATGCCAATGACAA  
 TGAGTTACCTTCCCTGAGCCAGAGGAGCTCATTGTCCCGACAACTCATCAAAGTCTGAGCCCACT  
 GAGGACAATAACAACAACGTGGCCACGGTACCCTCCACAGAGCAGATCCCAAGTCTGTGGCTGAGGCTC  
 CTTCCGAGGAGGATCAGGTCCCTCCTGCACCTTTCCCTGTGCTCCATCCTCCAACAGCGTCCGCGAG  
 CAAGCGGACCAACCTGAAGAAGCCTAATCTGAGCGGACAGGGCATGGGCTGAGAGTGCGCTTCAACCC  
 CTGGCACTGCTTCTAGATGCTTCTGGAAGGAGATTTGATCTAGTGCAGAGGATCATCTATGAGGTGG  
 AAGACCCTAGCAAACCAATGACGAAGGGATCACCCCTACACAATGCTGTCTGTGCTGGCCACCACCA  
 TATCGTGAAGTTTCTGCTGGACTTTGGTGTCAATGTGAATGCTGCAGACAGTGGATGGACACCCTG  
 CACTGTGCCGCTTGTGAACAGTGTCCACCTCTGCAAGCAGCTGGTGGAGAGTGGAGCCGCTATCTTTG  
 CCTCCACCATCAGTGACATCGAAACCGTGCAGACAAGTGTGAGGAGATGGAGGAGGGCTATATCCAGT  
 TTCTCAGTTCTGTACGGGTACAAGAGAAGCTGGGGTGCATGAACAAAGGCATTGTGTATGCTCTGTGG  
 GACTACGAAGCCAGAACCAATGATGAGCTGTCTTCCATGAAGGGGATGCCATCACCATCCTGAGGCGCA  
 AAGACGAAAACGAGACCGAGTGGTGGTGGGCTCGTCTTGGGGACCGGGAGGGCTATGTGCCCAAAAATT  
 GCTTGGTTGTACCCACGGATCAAGCCCGGCAGCGGACACTTGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001108062
- Insert Size:** 3129 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\\_001108062.1](#), [NP\\_001101532.1](#)
- RefSeq Size:** 4187 bp
- RefSeq ORF:** 3129 bp
- Locus ID:** 314465

Cytogenetics: 6q32