

## Product datasheet for **RN200487**

### Ptprc (NM\_001109890) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ptprc (NM\_001109890) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Ptprc  
**Synonyms:** CD45; L-CA; Lca; RT7; T200  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN200487 representing NM\_001109890  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGATTTGTGGCTCAAACCTTGGCCTTCAGCTTGGCCCTTCTCGGCCAGAAGTCTTTGTCACAGGGC  
AAGGAACAACCGACGATGGTCCAACCTCACACCCTGCACCATCCACTCTGGGCTTTGCAAGCAATAC  
CACCACAAGCACAGAAATAGCTACCCCTCAAACGAAGCCATCATGTGATGAAAAATTTGGGAACGTTACT  
GTGCGTTACATCTATGATGACAGTAGTAAGAATTTAACGCAAACCTAGAAGGTGACAAAAACCTAAGT  
GTGAATATACGGATTGTGAAAAAGAGTTAAAAATCTACCAGAATGCTCACAGAAAAACGTCACCTCTCTC  
CAATGGCTCATGTACTCCAGATAAAATTAATAATTTAGATGTACCACCAGGGACTCACAACCTTAACTTA  
ACAAAACGCACACCAGACATAGAAGCTAATACCTCAATTTGTTGGAGTGAAAAATAAAAAACAAATTTA  
CCTGCGACATTCAAAAGATTTTCATACAATTTCCGTTGTACACCAGAGATGAAAACATTTGCTTTGGACAA  
ACACGGAACACTTTGGTTACACAACCTTACAGTCCGAACAAATTACATGTGCTGCGGAAGTCCCTCTAC  
AATAACGTAATACTTTTAAAAACAAGACAGAAGGGTGCAGACTGATTTTGGGACTCCAGAAATGCTTCCCC  
ATGTTCAATGTAAGAATCAACTAACAGCACAAACATTAGTCTCCTGGGCTGAGCCAGACTAAACACCA  
TGGATACATTTTATGCTATAAAAAAGACCCCTTCAGAAAAATGTGAAAAATTTGGCTAATGATGTGAACAGT  
TTTGAGGTGAAAAACCTGAGGCCTTATACAGAGTACACAGTGTCTCTATTTGCCTATGTTATTGGGAGGG  
TGCAACGAAATGGCCCTGCTAAGGATTGCAACTTTTCGACAAAAGCAGCTCGTCCAGGCAAAGTCAATGG  
TATGAAAACCTCCCGGGCGTCAGACAATAGTATAAATGTCACGTGTAATTTCTCTTATGAAATTAATGGC  
CCTGAAGCGGTTACATTTTGGAAAGTCAAAGTGGAGGTTCTTTAGTTAAAACTTTCAACCAATCCACAT  
GTAATTTGTTGTAGACAATCTCTATTATTCAACTGACTATGAGTTTCTGGTCTATTTTTACAATGGAGA  
GTACCTGGGAGACCCAGAAATAAACCTCAATCAACATCTATAATTCTAAAGCACTGATTATATTCCTG  
GTGTTTCTGATTATTGTGACATCAATAGCCCTGCTTGTGTTTGTATAAAATCTATGATCTGCGTAAGA  
AAAGATCCAGCAATTTAGATGAACAGCAGGAACCTGTTGAAAGGGATGAGGAGAAGCAGCTGATAAATGT  
GGACCAATTCATTCTGACCTTTTGTGGAAACATACAAAAGAAAGATTGCCGATGAGGGTAGACTGTTC  
CTGGCTGAATTTAGAGCATTCCACGGGTATTCAGCAAGTTTCCCATCAAAGATGCCGAAAGTCCCAAA



[View online »](#)

```

ACCAGAACAAAAACCGTTATGTGGACATTCTCCCCTATGATTACAACCGTGTGGAGCTCTCTGAAATAAA
TGGAGACGCAGGGTCCACCTACATAAATGCCAGCTACATTGATGGCTCAAGGAACCCAGGAAATACATT
GCTGCACAAGGGCCCCGGGATGAGACAGTTGATGACTTCTGGAAGATGATCTGGGAGCAGAAGGCCACAG
TTATTGTCATGGTCACACGATGTGAAGAAGAAACAGGAACAAGTGTGCAGAATATTGGCCATGCATGGA
GGAAGGCACTCGGACTTTCAGAGATGTTGTCGTGACGATCAATGACCACAAACGATGTCTGATTACATT
ATCCAGAAGCTGAGCATTGCCACAAAAAAGAAAAAGCAACTGGAAGAGAAGTGAATCATATTCAATTCA
CCAGTTGGCCAGACCATTGGGTTCTGAAGACCCCTCACCTGCTCCTGAAACTTCGACGGAGATTAATGC
TTTTAGCAACTTCTTCAGTGGACCCATTGTGGTCACTGCAAGTGTGGCGTTGGGCGTACAGGCACCTAC
ATTGGAATTGATGCCATGCTCGAAAGCCTAGAAGCAGAGGGCAAAGTGGATGTCTATGGCTATGTTGTCA
ACCTAAGGCGACAGAGATGTCTGATGGTCAAGTGGAGGCCAGTACATCCTGATCCATCAGGCCTTAGT
GGAGTACAATCAATTTGGGAAACAGAAGTGAAGTGTCTGAGTTACATTCATGTCTACAGAATCTGAAG
AAGAGAGATCCACCCAGTGACCCGTCTCCTTTGGAGGCTGAGTACCAGAGACTTCCTTCATACAGGAGCT
GGAGGACACAGCACATTGGAATCAAGAAGAAAAAAGAAAAAGAAAAACAGGAGTTCTAACGTTGTTCCATA
TGACTTTAACAGAGTGCCACTTAAGCATGAACTAGAGATGAGCAAAGAGAGCGAGGCTGAATCCGACGAA
TCTTCAGATGAGGACAGTGAAGTCCGAAGAAACCAGCAAATACATTAATGCGTCATTTGTGATGAGTTACT
GGAACACAGAAATGATGATTGCTGCCAGGGTCCACTAAAAGAGACTATTGGTGACTTTTGGCAGATGAT
ATTCCAAAGAAAAGTCAAGGTTATTGTGATGTTGACAGAGTTAATGAGTGGAGACCAGGAAGTCTGTGCT
CAATACTGGGGAGAAGGAAAGCAGACTTATGGAGACATGGAAGTAATGTTGAAAGACACGAACAAATCCT
CAGCCTATATTCTGCGAGCATTGAACTGAGACATTCCAAGAGAAAGGAGCCTAGAACTGTGTACCAGTA
CCAGTGTACCACATGGAAGGGGAGGAGCTCCCTGCAGAACCCAAAGATCTAGTGACTCTGATTACAGAAC
ATCAAACAGAAGCTTCCAAGAGTGGCTCAGAAGGGATGAAGTACCACAAGCATGCATCAATCCTAGTCC
ACTGCAGGGATGGATCCCAGCAGACGGGGTTGTCTGTGCTCTGTTCAATCTCCTGGAAAGTGCAGAAAC
AGAAGATGTGGTTGATGTTTTTCAAGTGGTAAAGTCTCTACGCAAAGCACGGCCGGGGATGGTGGGCAGC
TTTGAGCAATACCAGTTCTCTATGACATCATGGCCAGCATCTATCCCACCCAGAATGGACAAGTGAAGA
AAGCAAACAGCCAAGACAAAATTGAATTCATAACGAAGTGGACGGACCAAGCAGGACGCAAACACTGTGT
TCAGCCAGCTGATCCTCTGAACAAAGCCAGGAAGACAGCAAAGAAGTTGGAGCTTCAGAGCCTGCAAGT
GGTTCTGAGGAGCCAGAACATTCTGCAAAATGGTCCCATGAGCCAGCTCTAACCCCGAGCTCATAG

```

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001109890
- Insert Size:** 3426 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\\_001109890.1](#), [NP\\_001103360.1](#)

RefSeq Size: 4671 bp

RefSeq ORF: 3426 bp

Locus ID: 24699

UniProt ID: [P04157](#)

Cytogenetics: 13q13

**Gene Summary:** member of a family of heavily glycosylated leukocyte cell surface glycoproteins; displays extensive O-glycosylation [RGD, Feb 2006]  
Transcript Variant: This variant (1) lacks three in-frame exons compared to variant 4. The resulting isoform (1) is shorter compared to isoform 4. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.