

Product datasheet for RN205008

Ptprv (NM_033099) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ptprv (NM_033099) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ptprv
Synonyms:	Esp
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN205008 representing NM_033099 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGGCCCTGATTCTGTTAGCTGCCCTCTGGCTCCAGGGCTTTTGGCCGAGGACGACGCATGCT
CATCCTTGAAGGGAGCCAGACAGGCAGGGTGGAGGTCCACTTCTGAGTGTGAACGTGAGTCCATGG
AAAGTCTACCAGCCTGTTTCTGAGCTGGGTAGCTGCAGAGCTGGGCGGATTTGACTATGCCCTCAGCCTC
AGGAGTGTGAACCTCAGGTTCTCCAGAAGGGCAACAGCTCCAGGCTCACACAAATGAGTCCGGCTTTG
AGTTCCATGGCCTGGTGCAGGGAGTCGCTACCAGCTAAAAGTACTGTCCTAAGACCCTGTTGGCAGAA
TGTCACAATTACCCTCACTGCCGAACTGCCCGACAGTGGTCCGTGGACTGCAGCTGCATAGCGCTGGG
AGCCCAGCCAGGCTGGAAGCCTCGTGGAGTGATGCCCTGGAGATCAAGACAGCTACCAACTTCTCCTCT
ACCACCTGGAATCCCAAATCTGGCATGCAATGTCTCTGTGTCCCTGACACCCTGTCTTACAGTTTTGG
CGACCTTTTGGCAGGTAAGTATGTCTTGGAGGTTATCACCTGGGCTGGCAGTCTCCATGCGAAGACT
AGTATCCTCCAGTGGACAGAGCCTGTCCCTCTGATCACCTAGCACTACGTGCCTTGGGTACCAAGTAC
TGCAAGCCTTCTGGAACAGCTCTGAAGGGGCCACCTCGTTTACCTGATGCTCACAGACCTCCTCGGGG
CACCAACAGACTGCGGTGATCAGACAAGGGTCTCGACCCACACCTTTCTTACCTATCTCCGGGTACA
CCTCATGAGCTGAAGATTTGTCTTCTGCTGGGCCCCACAGACTGGGGACCCAGTGGCACCAGTGGG
CCTATCCCTTTACCCATCTGACCTGGTGTGCTGACTCCCTTACGGAATGAGCTCTGGGCCAGCTGGAAGGC
AGGGCTGGGAGCCGGGACGGCTATGTAAGTGAAGTAAAGTGGGCAATGGAGAGTACGTCTACCCTGGG
CCGGAAGAGTGAATGCAGTCTTCCAGGGCCCTGCCTCCGGGACACTACACTTTGAGCTGAAGGTTT
TAGCTGGACCTTATGATGCCTGGTGGAGGGCAGTACCTGGTGGCTGAATCTGCTGCCCTTCCAGGGA
GGTCCCTGGTCCAGACTGTGGCTAGATGGACTGGAAGCTTCCAAGCAGCCTGGGAGACGGGCGCTACTC
TATTCTGACGATGCCAGGCTCCCTAGGAACATCTCTGTGCCCTCTGGTCCACTCACGTCATTTTCT
GTGGCCTGGTACCTGGAGCCACTATAGGGTGGACATTGCCTCATCCACGGGGACATCTCTCAGAGCAT
CTCAGGCTATACAAGTCCCTGCCACCGCAGTCACTGGAGGTCATCAGCAGGAGCAGCCATCTGACCTG



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ACTATTGCTTGGGGTCCAGCACCAGGGCAGCTGGAAGTTATAAGGTTACCTGGCATCAGGATGGCAGCC
 AGAGGTCTCTGGCGACCTTGTTGACTTGGGCCCTGACACTTTGAGCCTGACTCTGAAATCTCTGGTACC
 CGGCTCCTGTACACCGTGTACAGCATGGGCTGGGCCGGGAACCTCGACTCTGACTCTCAGAAGATTAC
 AGCTGCACCCGCCCGCTCTCCACCAACCTGAGTCTGGGCTTTGCCACCAGCCTGCGGCAGTGAAGG
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 ACTGAAAAGTGAGAAGGTCTACCTCGGGAGGCCAGAACTTCTCTGGGCCAGCTGACTGCAGGCTGT
 GAGTTCAGGTACAGCTGTCTACCTTGTTGGGGTCTGAGAGAAGCAGCAGTGCCAACGCCACAGGCTGA
 CACCCCTTCAGCTCCTACACTGGTAAACGTGACCAGCGATGCTCTACCCAGCTCCAAGTATCCTGGGC
 CCACGTTCTGGGGGCCGAGCCGCTACCAAGTACCCTATACCAGGAGAGTACCCGGACAGCCACCAGC
 ATCATGGGGCCCAAGGAAGATGGCACGAGCTTTTTGGTTTACTCTGGCACTAAGTACAAGGTGGAAG
 TCATCTCTGGGCTGGGCCCTTACACTGCAGCAGCCAACGTTTCTGCCTGGACCTACCCACTCATACC
 CAATGAGTGTCTGTCAATGCAGGCAGGAGTGTGTGGTTAACCTGGCCTGGCCAGTGGTCCCCTG
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 CGGTGGAGCCGGGCGGTTTCCCTGGTGTGCAGTACTTCTGCTGAGGCTTGGCACCCCCAGAGCTAGCTG
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 AGGCTCAACACTCCAGAGACCATCCTCGCCTTCTCGGCCTTCTCAGAGCCCCGGCCAGCATCTCTCTGG
 CGATATTCCCCTGACAGTTATGCTGGGGCTGTGGTGGGCAGCATTGTCATTGTGTGTGCAGTGTATG
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 TACAACCTGTGGCGGACCCATCGGCCTATCCCCATCCATAGCTTCCGGCAGAGCTATGAGGCCAAGAGCG
 CACATGCACACCAGACCTTCTTCCAGGAATTTGAGGAGTTGAAGGAGGTAGGCAAGGACCAGCCCCGACT
 AGAGGCTGAGCATCCGGACAACATCATCAAGAACCGGTACCCACACGCTGCTGCCCTATGACCACTCCAGG
 GTCAGGCTGACCCAGCTACCAGGAGAGCCTCATTCTGACTACATCAATGCCAACTTCATCCCAGGCTATA
 GCCACACACAGGAGATCATTGCCACCCAGGGCCCTCTCAAAAAGACGCTAGAGGACTTCTGGCGGTTGGT
 ATGGGAGCAGCAAGTCCACGTGATCATCATGCTGACTGTGGGCATGGAGAACGGGCGGGTACTGTGTGAG
 CACTACTGGCCAGCCAACCTCCACGCCTGTTACTCACGGTCACATCACCATCCACCTCCTGGCAGAGGAGC
 CTGAGGATGAGTGGACCAGGAGGGAATTCAGCTGCAGCACGGTACCCAGCAAAAACAGAGGCGAGTGAA
 GCAGCTGCAGTTCACTACCTGGCCAGACCACAGTGTCCCGGAGGCTCCAGCTCTCTGCTCGCTTTTGTGA
 GAACTGGTACAGGAGCAGGTGCAGGCCACTCAGGGCAAGGAGCCATCCTGGTGCATTGCAGTGTGGCG
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 TGTGTTCAACACTGTGTACATACTCCGGTTGCACCGGCCCTCATGATCCAGACCCTGAGTCAATACATC
 TTCTGACACAGTTGCCTGCTGAACAAGATTCTGGAAGGGCCCCCTGACAGCTCCGACTCCGCCCCATCT
 CTGTGATGGATTTTGCACAGGCTTGTGCCAAGAGGGCAGCCAACGCCAATGCTGGTTTCTTGAAGGAGTA
 CAAGCTCCTGAAGCAGGCCATCAAGGATGGGACTGGCTCTCTGCTGCCCCCTCCTGACTACAATCAGAAC
 AGCATTGTCTCCCGTCGTCATTCTCAGGAGCAGTTCGCCCTGGTGGAGGAGTGCCTGAGGATAGCATGC
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 AAAGGAACTCTGGGAAATGGTGTGGGAGCATGATGCCATGTGCTCGTCTCCCTGGGCTGCCTGATACC
 AAGGAGAAGCCACCAGACATCTGGCCAGTGGAGATGCAGCCTATTGTACAGACATGGTGACAGTGCACA
 GAGTGTCTGAGAGCAACAACAACCTGGCTGGCCAGCACCCTTTCAGAGTCATACACGGGAGAGTGG
 AAAGGAAAGGCAGGTTCAATGCCTGCAATTTCCATGCTCTGAGTCTGGGTGTGAGCTCCAGCTAACACC
 CTACTGACCTTCTTGTGCTGTGGGCCAGTGTGCTTCCGGGGCAAGAGCAAGAAGCCAGGGACCCCTGC
 TCAGCCACTCCAGCAAAAACACAACCAGCTGGGCACCTTCTTGGCTATGGAACAGCTGTTACAGCAAGC
 AGGGACAGAGCGCACAGTGGACGCTTCAATGTGGCCCTGAAGCAGTACAGGCCTGCGGCCTTATGACC
 CCAACACTGGAGCAGTATATCTACCTCTACAACGTCTGAACAGCGCACTGCTGAACGGGCTGCCAGAG

CTGGGAAGTGGCCTGCGCCCTGCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_033099
Insert Size:	5136 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:	<ol style="list-style-type: none">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:	<u>NM_033099.1, NP_149090.1</u>
RefSeq Size:	5446 bp
RefSeq ORF:	5136 bp
Locus ID:	64576
UniProt ID:	<u>Q64612</u>
Cytogenetics:	13q13
Gene Summary:	may mediate bone remodeling; may play a role in cell interactions associated with differentiation in bone and testis [RGD, Feb 2006]