

Product datasheet for RN202260

Ptpro (NM_017336) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ptpro (NM_017336) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ptpro
Synonyms:	GLEPP1; RPTP-BK
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN202260 representing NM_017336 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGGCACCTGCCTAGGAAAGCGCGGGGGCCGCCCTGCTACCTCTGCTCGGGCTCTTTGTGCTGC
TCAAGATTGTTTCAACGTTCCACGTGACTGTCCGAGACGACAACAACATCGTTGTGCTTTAGAAGCTTC
TGATGTAGTCAGCCCAACCTCCGTGTATGTTGTGAGGGTAGCTGGCGAATCCAAAACTATTTCTTCGAA
TTTGAGGAATCCAATGGCACACTGCCTCCTCCTGTGGTCTTAAGGCCAGTATCATGGTCTTTATTACA
TCATCAGTCTGGTGGTAGTCAGTGGGAATGTGGTCACCAAACCATCCCGATCAATCACCGTCTGACAAA
ACCTTGGCCGTAACCAAGTGTGTCTATATGACTATAAGCCTTCTCCTGAGACAGGAGTACTGTTTGAA
ATTCACATCCGGAAAAATACAACGTGTTCCAGCAGAGTGAATCAGCTACTGGGAGGGGAAGGATTTCA
GGACGATGCTGTACAAAGACTTCTGAAGGGGAAAACCGTGTAAATCACTGGCTCCCGGGGATCTGCTA
CAGTAACATCACTTCCAGCTGGTTTCTGAGGCGACCTTAACAAAAGCACCCCTGGTGGAGTGCAGTGGT
GTGAGTCACGAACCCAAACAACACAGAACAGCGCCGTATCCCCCGAAACATCTCTGTTGCTTTGTCA
ACTTGAACAAGAACAACCTGGGAAGAACCAAGCGGGAGCTTCCCCGAGGACTCGTTCATCAAACCGCAAGA
CGCGATAGGAAGAGACAGACCTTCCATTTCCCGAGGAAACCCCTGAGACGCCCGCCAGCAATGGCTCT
TCCGGCTGGCCTGACCCGAACGGCACTGAGTATGAGAGCACATCTCAGCCCTACTGGTGGGACAGTGCAT
CCGCGGCCCTGAAAACGAGGAGGACTTCGTGAGCGTGTGCCAGCGGACTATGACACTGAGGCCACGCT
CGGCAGGACAGAGAAACCCACAGCTGACCTTTCTGCTTCCCCGTGCAGATGACTCTGAGCTGGTTA
CCACAAAACCGCTACAGCCTTCGATGGCTTCAATATCCTCATAGAGAGGGAAGGAACTTTACCGACT
ATTTGACAGTGGATGAAGAAGCCACGAGTTTGTGCCGAAGTGAAGGAGCCTGGAAAGTACAGACTCTC
AGTGACAACCTTCAGCTCCTCGGGAGCCTGTGAGACTCGGAAAAGCCAGTCAGCAAAATCGCTCAGCTTC
TACATCAGCCCCACAGGAGAGTGGATTGAAGAAGTACTGACTGAGAAAACCGCAGCACGTGAGTGTCCAGTCT
TAAGCTCAACCACTGCCTTGTGTGCTGGACATCTTCCAGGAGAACTACAACAGCACCATTGTGTCTGT
GGTGTCCCTGACATGCCAGAAAACAGAAAGAGAGCCAGCGGCTGGAGAAGCAGTATTGTACCCAGGTGAAC
TCAAGCAAACCTGTAATTGAGAACCTGGTTCCCGGTGCCAGTACCAGGTTGTGATGACCTAAGAAAAG



GCCCTTTGATTGGGCCACCTTCTGATCCTGTGACATTTGCCATTGTTCCACGGGGATAAAGGATTTAAT
 GCTCTATCCATTGGGTCCCACGGCAGTAGTGCTGAGCTGGACCCGACCTTACTTGGGAGTGTTCAGAAAA
 TACGTGGTTGAAATGTTTTATTTCAACCCACCACCATGACCTCCGAGTGGACGACCTACTACGAAATAG
 CAGCGACCGTCTCCTTAACATCGTCCGTGAGAATAGCAAATCTATTGCCGGCGTGGTACTACAACCTTCG
 CGTAACCATGGTGACGTGGGAGATCCAGAACTGAGCTGCTGTGACAGTTCACCATCAGCTTCATAACG
 GCCCCCGTCGTCAGAAATCACGTCTGTGGAGTACTTCAACAGCCTGCTGTACATCAGCTGGACCTACG
 GGGACCCACCACCTGACCTGTCCCATTCGAGAATGCTACACTGGATGGTGGTGGCAGAAGGGAGGAGGAA
 AATTAAAAAGAGTGTGACACGCAATGTCATGACGGCCATCCTTAGCCTGCCTCCAGGAGATATCTACAAC
 CTGTCTGTACAGCCTGCACTGAGAGGGGGAGTAACACCTCCATGCTCCGCCTTGTCAAGCTAGAACCAG
 CTCCTCCAAAATCACTCTTCGAGTGAACAAAACGCAGACATCGGTACCCCTGCTTTGGGTTGAGGAGGG
 CGTAGCTGATTTCTTTGAAGTCTCTGTGAGAAGCTCGGGTCTGGCCACGATGGCAAACCTCAGGAACCG
 GTAGCTGTTTCTCCACGTGGTACCATCTCCAGCCTCTCCAGCCACTGCCTACAACGACGTGTCA
 CCAGTTCAGCCACGACAGTCCCAGTGTCCCTACGTTTATAGTGTCTCCACAATGGTTACAGAGGTGAA
 CCCTAATGTGGTGGTATCTCGGTGCTGGCCATCCTCAGCATACTTTAATTGGACTGCTGTTAGTGACC
 CTTGTCTTCTGAGAAAGAAGCACCTGCAGATGGCCAGGGAGTGTGGGGTGGCAGCTTTGTCAATTTTG
 CATCCTTGGAGAGGGAAGGGAAACTCCCTACAGTTGGCGTAGGAGTGTCTTTACTTTTAAACCCTGCT
 GCCCTCATGTCTGTGGACTGACTATCTGTTGGCATTATATTAACCCTTGGAGTAAAAATGGCTTAAAG
 AAGAGGAAACTGACGAACCCTGTTACAGTGGACGATTTTGATTCTTACATCAAGGACATGGCCAAGGACT
 CTGACTATAAATCTCTCTTCAGTTTGGAGGAGTTGAAGTTGATTGGACTGGATAATCCACACTTTGCTGC
 AGATCTTCCGCTGAACCGATGTAACAAACCGCTATACAAACATCCTGCCGTACGACTTCAGCAGAGTGAGG
 CTGGTCTCCATGAATGAAGAAGAAGGAGCAGACTACATTAATGCCAATTATTCCTGGCTACAACCTCAC
 CTCAGGAGTACATTGCCACCCAGGGACCACTGCCGAAACCAGAAATGATTTCTGGAAGATGGTCCCTGCA
 GCAGAGTCTCGCATATTGTGTCATGCTCACTCAGTGCAATGAGAAAAGAAGGGTAAAAATGCGACCCTAC
 TGGCCATTACGGAAGAACCATTGCTTATGGAGACATCACCGTGGAGATGGTCTCTGAGGAAGAACAGG
 AGGACTGGCCACGACACTTCCGGATCAATTATGCTGACGAGGCCAGGATGTGATGACTTTAACTA
 CACGGCTGGCCAGACCATGGCGTGCCTCCAGCAAATGCTGCCGAGAGCATCCTGCAGTTCGTGTACACT
 GTCCGGCAGCAAGCCACCAAGAGCAAAGGACCCATGATCATCCACTGCAGCGGGCGTGGGACGGACAG
 GCACCTTCATAGCCCTTGACAGGCTCTTGCAACACATCCGAGATCACGAATTTGTGGACATCTTGGGGCT
 GGTGTGAGAAATGCGCTCATACCGAATGTCGATGGTACAGACAGAGGAGCAGTACATCTTCATCCATCAG
 TGGTGCAGCTGATGTGGCTGAAGAAGAAGCAACAGTTCTGCATCAGTGACGTCTACAGAGACGTCAG
 GCAAGTCCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_017336

Insert Size:

3651 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_017336.1](#), [NP_059032.1](#)

RefSeq Size: 4871 bp

RefSeq ORF: 3651 bp

Locus ID: 50677

Cytogenetics: 4q43-q44

Gene Summary: may regulate glomerular epithelial cell function; may play a role in neural cell development [RGD, Feb 2006]