

Product datasheet for **RN215272**

Pkp1 (NM_001107181) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pkp1 (NM_001107181) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pkp1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN215272 representing NM_001107181
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAACCACTCGCCGCTCAAGACCGCGCTGGCCTACGAATGCTTCCAGGACCAGGACAACCTCCACGCTCG
 CTTTGCCCTCTGACCAGAAGATGAAGACCGGCAGCTCGGGCAGGCAGCGTGTGCAGGAGCAGGTGATGAT
 GACGGTCAAACCGCAGAAGTCCAAGTCTTCGAGTCCACCTTGAGTCACTCCAACCGAGGTTCCATG
 TACGATGGGCTGGTTGACAATTACAACAATATGGCACCACGAGCAGAAGCAGCTACTTCTCCAAGTTCC
 AAGCAGGGAATGGCTCCTGGGGATATCCGATCTATAATGGGACCCTCAAGCGGGAGCCTGACAACAGACG
 CTTCAGCTCTATAGCCAGATGGAGAATGGAGCCGCACTATCCCCGAGGGAGCTGTGCCACCACAGGC
 GCTGGCAGTGACATCTGTTTATGCAGAAAATCAAGGCAAGCCGAGCGAGCCTGACCTCTACTGTGACC
 CGAGGGGCACACTGCGCAAGGGCACACTGGGCGCAAGGGCCAAAAGACCACCCAGAACCAGATACAGCTT
 TTACAGCACTTGCAGCGTCAAGGCTGTCAAGAAGTGTCCCGTGAAGCCGCCCTCTGCACCTCCAAG
 CAAGACCCAGTGTGCATGCCGCCTATCTCTGCAACAAGGACATGTCCTTTGGCCACTCAAGGGCCAGTT
 CCAAGATCTGCAGTGAGGACATTGAGTGTAGCGGGCTGACCATCCCCAAGGCTGTGCAGTACCTGTGCTC
 CCAGGACGAGAAGTACCAGGCCATCGGAGCCTATTACATCCAGCACACCTGCTTCCAGGATGAATCTGCC
 AAGCAACAGGTCTATCAGCTGGGGGCACTGCAAGCTGGTGGACCTCTCCGCAGCCCCAATCAGAATG
 TCCAGCAGGTGCTGCCGGGCTCTGCGCAATCTGGTGTTCAGGAGCACCCTAACAAAGCTGGAGACCAG
 GAGGCAGAATGGATCCGTGAGGCTGTCAGCCTCTGAGGAGAAGCGGGAGCACGGAGATCCAGAAACAG
 TTGACTGGGCTGCTCTGGAACCTGTCTTCACTGACGAGCTAAAGGAGGAACTGGTGGCCGATGCCCTGC
 CTGTTCTGACTGACCGGGTCACTATCCCTTCTCTGGCTGGTGTGATGGTAACAGCAACATGCCCGGA
 AGTAGTGACCCCGAGGCTTCTTCAATGCCACAGGCTGCCTGAGGAATCTGAGTTCAGCTGATGCTGGC
 CGCCAGACTATGCGGAACACTCTGGGCTCATTGACTCCCTCATGGCCTATGTCCAGAAGTGTGGGCTG
 CCAGCCGCTGCGATGACAAGTCTGTGGAGAAGTGCATGTGTATCTCTGCATAACCTCTCATACCGCTGGA
 CGCCGAGGTGCCACCCGCTACCGGCAGCTGGAGTACAACACCCGCAATGCCTACACCGAGAAGTCTCC
 ACTGGCTGCTTCAGCAACAGGGGTGACAAGATGATGAACAACAATATGACTGCCACTCCCTGAGGAAG
 AGACCAACCCCAAGGGCAGCAGCTGGCTGTACCACTCAGATGCCATCCGCACCTACCTGAACCTCATGGG
 CAAGAGCAAGAAAGACGCTACCTTGAGGCTGTGCCGGGCCCTGCAGAACCTGACCGCCAGCAAGGGC
 CTGATGTGCAATGATGAGTCAAGTGTGGAATAAAGGAAAAGGGCTTGCCACAAATAGCCCGTCTCC
 TGCATCTGGCAATTCGGATGTGGTGGCGGAATCAGGTGTCCAGAGGTAACAGACTCCTCAC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001107181

Insert Size: 1818 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_001107181.1](#), [NP_001100651.1](#)

RefSeq Size: 4605 bp

RefSeq ORF: 1818 bp

Locus ID: 304822

Cytogenetics: 13q13