

Product datasheet for **MC221085**

Pkp1 (NM_019645) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pkp1 (NM_019645) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pkp1
Synonyms:	A1528551
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221085 representing NM_019645
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAACCACTCTCCGCTCAAGACCCGCTGGCGTACGAATGCTTCCAGGACCAGGACAACCTCCACGCTGG
 CTTTGCCCTCTGACCAAAAGATGAAGACCGGCAGTCCGGCAGGCAGCGGTGCAGGAGCAAGTATGAT
 GACCGTCAAACCGCAGAAAGTCCAAGTCTTCCAGTCTGACCTTCCAGTCACTCCAAACCGAGTTCCATG
 TATGATGGGCTGGCTGACAATTACAACAACTACGGCACCACGAGCAGAAGCAGCTACTTCTCCAAGTTCC
 AGGCAGGGAAATGGCTCGTGGGATATCCGATCTACAATGGGACCCTCAAGCGGGAGCCCGACAACAGACG
 CTTAGCTCTATAGCCAGATGGAGAAGTGGAGCCGCACTATCCCGAGGCAGCTGTGCCACCCCGGGC
 GCTGGCAGTGACATCTGCTTATGCAGAAAATCAAGGCAAGCCGAGTGAAGCTGACCTCTACTGTGACC
 CAAGGGGCACACTGCGCAAGGGCACCCTGGGCAGCAAGGGCCACAAGACCACCCAGAACCGATGCAGCTT
 CTACAGCACTTGCAGTGGTCAAGAGGCTGTCAAGAAGTGTCCCGTGGCGGCCCTCTGCACCTCCAAG
 CAAGACCCGGTGTATGTGCCGCCTATCTCTGCAACAAGGACCTGTCTTCGGCCACTCGAGGGCCAGTT
 CCAAGATCTGCAGTGAAGGACATTGAGTGTAGTGGGCTGACCATCCCAAGGCTGTGCAGTACCTGTGCTC
 CCAGGATGAGAAGTACCAGGCCATCGGAGCCTATTACATCCAGCACACCTGCTTCCAGGATGAATCTGCC
 AAGCAACAGGTCTATCAGCTGGGGGCACTGCAAGCTGGTGGACCTCTCCGACGCCCCAATCAGAATG
 TCCAGCAGGTGCTGCCGGGGCCCTGCGCAACCTGGTGTTCAGGAGCACCCCAACAAGCTGGAGACCAG
 GAGGCAGAACGGAATCCGTGAAGCTGTGAGCCTCTGAGGAGAAGCGGGAGCACGGAGATCCAAAAACAG
 CTGACTGGGCTCCTCTGGAACCTGTCTTCACTGATGAGCTGAAGGAGGAGCTGGTGGCCGACCCCTGC
 CTGTTCTGACTGACCGGGTCACTATTCTTCTCTGCTGGTGTGATGGTAACAGCAACATGTCCCGGGA
 AGTAGTGGACCCTGAGGTCTTCTCAATGCTACAGGCTGCTTGAGGAACCTGAGTTCAGCTGATGCTGGC
 CGCCAGACTATGCGGAACTACTCTGGGCTCATTGACTCCCTCATGGCCTATGTCCAGAAGTGCCTGGCTG
 CCAGCCGCTGCGATGACAAGTCTGTGGAGAAGTGCATGTGTATCCTGCATAACCTCTCTACCGCCTGGA
 CGCCGAGGTGCCACCCGCTACCGCCAGCTGGAGTACAATACCCGCAATGCCTACACCGAGAAGTCTCC
 ACTGGCTGCTTCAAGAACAGGGGTGACAAGATGATGAACAATAACTATGACTGCCCACTTCCGGAGGAAG
 AGACCAACCCCAAGGGCAGCAGCTGGCTGTACCACTCAGATGCCATCCGGACCTACCTGAACCTCATGGG
 AAAGAGCAAGAAAGATGCTACCTTGAGGCCTGTGCTGGGGCCCTGCAAAACCTGACAGCCAGCAAGGGG
 CTGATGTCCAATGATGATGAGTCAGTTAATTGGAATAAAGGAAAAGGGCCTGCCACAAATCGCCGCTCTCC
 TGAATCTGGCAATTCGGATGTGGTCCGGTCCGGAGCCTCTCTGCTGAGCAACATGTCTGCCACCCCTGT
 GCTGCACAGAGTATGGGAAACAGGTGTTCCAGAGGTAACCAGACTCCTCACTAGCCACACCGGCAAT
 ACCAGCAACTCTGAAGATATCTTGTCTCAGCCTGCTACACTGTGAGGAACCTGATGACCTCACAGCCTC
 AGATGGCCAAGCAGTACTTCTCCAACAGCATGCTCAACAATGTCTTCAACTTGTGCCGCAACACTGCCTC
 CTCACCTAAGGCTGCAGAGGCTGCCCGGCTACTCTGTCTGACATGTGGGCCAGCAAGGAGCTGCAGAGT
 GTCCTCAGGCAGCAAGGTTTCGATAGGAATATGATGGGAAACATAGCTGGGGCCAACAACCTCAGAAACT
 TCACCTCCCGTTCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_019645

Insert Size: 2187 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_019645.3</u> , <u>NP_062619.1</u>
RefSeq Size:	4670 bp
RefSeq ORF:	2187 bp
Locus ID:	18772
UniProt ID:	<u>P97350</u>
Cytogenetics:	1 E4
Gene Summary:	Seems to play a role in junctional plaques.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript. Variants 1 and 2 encode the same protein.