

Product datasheet for **RN205103**

Pkp3 (NM_001106315) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pkp3 (NM_001106315) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pkp3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN205103 representing NM_001106315
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGAGCCACACAGGATCTCGGACACGGATGGAGCCAGGAGGAGTTGCTCTACAGCAGTGACCTCCA
 GAATCAGCCAGGGGCCAGTGGGATCCAGAACAGCGGCAAGCCTGAGGCTGGTGTGGCTCCCTGGCGCT
 GCCCTCGGACCTGCAGCTGGATCGCCGGGGTGCTGAAGGGCCGGAGGCTGATCGGCTTCGAGCTGCCAGA
 GTCCAGGAGCAAGTCCGAGCCCGCTCCTGCAGCTGGGCCAGCAGTCGCGGCACAATGGGTCTACTGAGC
 TTGATGGCTCCGCGGAGAGCACCAGAGGACTGCCAGGGTCAATACCACACTATGCAGAGTGGCTTCAG
 CTCCCGATCCCAGGGTATGAGTGGAGACAAGACCTCGACCTTCGGGCCATCGCCAAGCCGGCCTACAAC
 CCAGCCTCCTGGTCTCCGCTCAGCCGTGGATCTGACCTGCAGTCGGAGGCTGAGTTCTGCCATAATG
 GGGCAGTGCCTTTGGGCTGTGGGATATGGGGTGCCAGCCACTCCACCTATGCCACCCGGCCAGT
 GTCCTTCCATGAGCGAGGTGGGGCAGCCAGCAGAGCTGACTATGACACATTGTCCTGCGCTCACTGAGG
 CTGGGGCCGGGGGCTGGACGACCGTTACAGCGTGGTGTCTGAGCAACTAGAGCCTGCAGCCGCTCTA
 CCTACAGAGCCTATGCTTACGAACGCCAGGCCAGCTCCAGCTCTAGCCGAGCGGGAGGCCTGGACTGGCC
 AGAGGCCACTGAGGGACCCAGCAGGACCATCCGTGCGCTGCCATGCGGACCCTGCAACGATTTTCAG
 AGCAGCCACCGAAGCCGTGGGGTACCGGGTCACTGTCAGGAGCTGGCCTGGAGCCAGTGGCCCGAGCCC
 CATCTGTACGTAGCCTCAGTCTTAGCCTGGGTGACTCAGGCCACCTGCCGGACGTACGTGGGTGGACAG
 CTACACAGGCCACCGAACCTGCAGAGGCTCAGCAGTGGCTTTGATGACATTGACCTGCCTTCAGCAGTC
 AAGTACCTCATGGCCTCAGACCCCAACCTGCAGGTGCTGGGGCGGCTTACATCCAGCAGATGGTACA
 GTGATGCAGCAGCCAAGAAGCAGGCTCGCAGCCTCCAGGCATGCCGAGACTGGTGAAGCTTTCAACCA
 CGCCAACCGAGGAGTGCAGCGCCATGCCACCGGTGCCATGCGCAACCTCATCTATGACAACGTGGACAAC
 AAAGTGGCCTTGGTGGAGGAGAATGGCATCTTTGAGCTGTTGAGGACGCTTCGAGAGCAGGACGATGAGC
 TGCGCAAAAATGTTACAGGGATTCTATGGAACCTGTCCTCCAGTGACCACTTGAAGGACCGCCTCGCCC
 AGATACACTGGAGCAGCTCACAGATCTGGTGTAAAGCCCTGTGAGGGCAGGGCGGCCCCCTCATC
 CAGCAGAAATGCTTCTGAGGCAGAGATCTTCAAAATGCTACTGGCTTCTCAGGAACCTCAGCTCAGCCT
 CCCAGGCCACTCGCCAGAAGATGCGTGAGTGCCATGGGCTAGTGGATGCTCTGGTCACTACATCAACCA
 TGCCCTGGACGTGGCAAGTGTGAGGACAAGAGTGTGAAAATGCTGTGTGTGTGCTGAGGAATTTGTCC
 TACCGCCTATATGATGAGATGCCACCATCAGCACTGCAGCGGCTTGAAGGCCGCGCCGAGGGACATGG
 CGGGGGCACACCTGGTGAAGTGGTGGGCTGCTTACACCCAGAGTCGGCGGCTGCGAGAGCTTCTCT
 CACAGCCGATGCACTCACTTTTGTGAAGTATCTAAGGATCCCAAGGGCCTTGAAGTGGCTGTGGAGCCCC
 CAGATCGTGGGGTGTACAACCGACTGCTGCAGCGCTGTGAACTAAATCGGCATACGACAGAGGGCGGCTG
 CGGGAGCGCTACAGAATATCACCGCGGTGACCGCAGGTGGGCAGGTGTACTGAGCCGCTGGCCCTGGA
 ACAGGAACGCATCCTGAACCCCTTGTGGACCGGCTTCGCACCGCTGACCACAACCGCTGCGCTCACTG
 ACTGGCCTCATCCGAAACCTGTCTCGGAATGCTCGGAACAAGGACGAGATGTCCACAAAGGTAGTGAGCC
 ACCTGATTGAGAAGCTTCTGGTGTGTGGTGTGAGAAGTGTCCCCGGCTGAGGTGCTGGTCAACATCAT
 AGCTGTGCTCAACAACCTGGTAGTAGCCAGCCATTGCTGCCGAGACCTGCTACTTCTGATGGACTC
 CGAAAAGTGGTATTCATCAAAAAGAAGAGGGATAGCCCTGACAGTGAGAAGTCATCCCGGCAGCCTCCA
 GCCTTTGGCCAACCTCTGGCAGTACAGCAAGCTCCACCGTACTTCCGGCGAAAGGCTACCGGAAAGA
 GGACTTCTGGGCCA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001106315
Insert Size: 2469 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_001106315.1</u> , <u>NP_001099785.1</u>
RefSeq Size:	2955 bp
RefSeq ORF:	2469 bp
Locus ID:	293619
Cytogenetics:	1q41