

Product datasheet for **RN214587**

Pkp2 (NM_001100499) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pkp2 (NM_001100499) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pkp2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN214587 representing NM_001100499
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGATCCCAGGCTCACTGGCGGAGTGTGGTTACATCCGGACCGTGTGGGCCAGCAGATCTGGGTC
 ACCTGGACAGCTCCAGCCTGGCCTTGCCTCCGAGGCCAGGCTGAGGCTAGCGGGCAGCAGCGGCCGCGG
 CGACCCGGTGGCCCGGAGCCAGCGGATCCAGGAGCAGGTGCAGCAAACCTGGCTCGCCGGGGCCGGAGC
 TCTGTAGTCGGCGGGAACCTTCACCGAACAGCAGTGTTCCTGAGTATGTCTACAAGCTGCACCTGGTTG
 AGAATGACTTTGTTGGAAGGCAGTCACTGCCGCTAGGGACTATGACATGCTTAAGGCTGGAGTGACTGC
 CACTTACGGAAGTCGTTGGGGGAGAGGAACAGCACAGTATAGTTCGCAGAAGTCAGTAGAGGAGAGATCC
 TGGAGGCAGCCCCTGAGGAGACTTGAGATTTCCCAGATAGCAGCCCGGAGAGAGCCACTATGGGCACA
 GCGAATACCAATATGCCTGGCGGAGCCATGTGGTGCCTGGTGGGCGCCTTACCCTCCACGCTATGCTCG
 CTCAGAGATCCTGGGCCGCGCCAGACTGGCACAGCCGAAGGGCACCTGGGTGCGGGTCAGTCAGCGAT
 GCTGTCTTTGACAATGGCCCGCTTAACCCACCATAACCCACCACCTCCTGGCACCAGCCACAGCGCAG
 GCAGCCTGCTGGAGGAGACCCTGTGCGTGTGAGCCAGGCTCGATTTTCAGGGCCTGCAGAGCAGAGCCGG
 CCGCTCCTCCTGGCCCCGGAGCTCAGTCCACAGTACCTTGCGGGAGTCAGGAAGAATGCTGCCACCAGCA
 GGCCAGGCTGCGGTGGCAGCGGGATGCGCATCGGGACAGGAGCGCCTTCGCTGACTCCAGCTCGGGA
 ATGCAGACTTAGAGATGACCTTGGAGCGAGCTGTGAATATGCTGGATGCAGACCATGTACCACTGTCCAA
 GATCTCTGCTGCGGCTACCTTCATACAGCATGAGAGCTTCAAAAATCTGAAGCAGGAAAAGGGTCAAT
 CAACTTCAAGGCATCCCTAACTTCTGCAGCTGCTCAAAGTTCAGAATGAAGACGTTTTCAGCGGGCTGTGT
 GTGGGGCCCTGAGAAATTTGGTATTTGAAGACAATGATAACAAGTTGGAGGTCGCTGAATGAATGGAGT
 GCCTCGGCTGCTGCAAGGTGCTGAAGCAAACAGAGACTTGGAGACAAGAAGCAAATAACAGGTTTGCTC
 TGGAACTTGTCTCTAGTGATAAACTCAAGCATCTCATGATAACAGAAGCCTTGTCTCACCTTGACAGAGA
 GTGTCATCATCCCCTTCTCAGGGTGGCCTGAAGGAGACTACCCAAAGCCAATGGCTTGCTTGATTTTGA
 TATATTCTACAATGCTCACTGGATGCCTAAGAAACATGAGCTCCGCTGGCCCTGATGGGAGGAAGGTGATG
 AGGAGGTGTGATGGTCTCATTGATTGATTGGTCCATTACGTGAGAGGAACCATTCAGACTACCAGCCAG
 ATGATAAGGCCACAGAGAACTGCGTATGCATTCTCATAACCTCTCTACCAGCTGGAGGCTGAGCTCCC
 AGAGAAAATTTCCAGAGTATCTACATGCAAAACCGGAATATCCAGACCAACAGTAACAAAAGCATCGGG
 TGTTTTGGCAGCCGGAGTAGAAAAGTAAAGGAGCAATACCAAGACACGCCGATGCCAGAGGAAAGGAGCA
 GTCCCCGTGGCATTGAGTGGCTGTGGCATTCCATTGTGATAAGGATGTATTTGTCCTTAATTGCCAAGAG
 TTCCCGAAACTATACCAAGAGGCATCATTGGGAGCTCTCCAGAACCTCACAGCAGGAAGCGGCCCGATA
 CCCACATCGGTAGCTCGCATGGTTGTCCAGAAGGAAAATGGTCTTCAGCACACCCGGAAGATGCTGCACG
 TGGGTGATCCCAGTGTGAAAAGACTGCAGTCTCCCTGCTGAGGAATTTGTACGGAACTTTCTCTGCA
 GAATGAAATTGCTAAAGAACTCTACCAGATTTGGTTTCTATAATTCCTGACACAGTCCCAAGTACTGAC
 CTCCTCATTGAACTACAGCTTCTGCTTGCTATACGTTGAACAATTTAATGCAAAATAGTTACCAGAATG
 CACGAGACCTTCTGAACACTGGAGGGCTGCAGAAAATTATGACCATCAGCATAGGAGAAGGCTATGCCCC
 CAACAAGGCCAGCAAAGCTGCCTCTGTCTCCTGTACTCTGTGGGCACACACCGAGCTCCATAATGCC
 TACAAGAAGGCTCAGTTTAAGAAGACGGACTTCGTCAACAGCCGGACTGCCAAGGCTCCCACTCCCTTA
 AAGACTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001100499
Insert Size: 2388 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_001100499.1</u> , <u>NP_001093969.1</u>
RefSeq Size:	2861 bp
RefSeq ORF:	2388 bp
Locus ID:	287925
Cytogenetics:	11q23