

Product datasheet for **RN211410**

Pkn3 (NM_001047861) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pkn3 (NM_001047861) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pkn3
Synonyms:	LRRGT00147
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN211410 representing NM_001047861
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCCCCGAAGCGCAATTTGCGATCCTGCCTCAGCCCAATGAAACCCAGACCCGTCGCTGCCCGAAG
CAGGAGGACAAGTCGACCTCTCCCGCCCTGCCGAAGGGAGCACTTTTCTCGTTTTACGTTTCAGATAGTGG
TTTTCTGCGCCAGCGTGCACCTTTTCGCTTCTCTGTTGACCGAGAGGTCTGCGTTTTCTACGCACAGCTT
CGAGTCGTGGTGTGGTGTTCGCCGCTGGCTTGGGTCTGTATGCTTCTTGCAATCATCTTGCGAAG
TTCATAACCCAATCAGTGAATGCCCGTGGGTCTTGTGGAGCAGGCTCTTGGTTCGATGCTTGCCGT
GGTCACTAGCACCAACCCTTGGATCAGACGTTGCATGTGTGGAGGTCCCTGTGCTTGGGAGCTGTGCGG
TTTTGAGTGGGGTTTTCTCAGAAAGTGTTCAGAAATCCTGCACGGCCGTGTACGATGACCAATCATCAA
GAATGGGTTGGAAGAAAAAGAACAGCAAGAAGCAATTGAACATATTGATGAAGTACAAAATGAAATAGA
CAGGCTTAATGAACAAGCCAGTGAAGAAATTTGAAAGTGAACAAAAATATAACAACTCCGCCAACCA
TTTTTTCAGAAGAGGTGAGAATTGATCGCCAAAATCCCAAATTTTGGGTAACAACATTTGTCAACCATC
CACAAGTGTCTGCACTGCTTGGGGAGGAAGACGAGGAGGCCCTGCACTATTTGACCAGAGTTGAAGTGAC
AGAATTTGAAGACATTAATCAGGTTACAGAATAGATTTTTATTTGATGAAAATCCTTACTTTGAAAAT
AAAGTTCTCTCCAAAGAATTTTCATCTGAATGAGAGCGGTGACCCATCTCAAAGTCCACCGAAAATCAAA
GGAAATCTGGAAGGAGAGGAAGCTCCTGGCGGCTGCCAGCAGATGTTAAAGGACAGTCAGCTGAAGGT
GGCCCTACTCCGAATGAAGATAAGCGGTCTGGAGGCCAGTGGGTCTCCAGAGCCAGGCCCTGACTTGCTG
GCAGAGGAGTTGCAGCACCGACTGCGAATAGAGGCTGCTGTGGCTGCAGGTGCCAAGAATGTGGTGAAC
TGCTTGGTGGCCAGAGAATTCAGGACCCGCAAGGCACTGGCCGAGGCTCAGGCCAGCTCCAGGAATCCTC
CCAGAAGCTGGACCTCCTACGGCTGGCCCTGGAATTGTTACTGGAGAGGTTGCCTCCACCCACTCTCTT
CGCAGCAGGGTGACCCGAGAAGTGCAGGATGGCCATGCTTGGGAACCCCGCCTCTGGGACACTTGTGA
AACCCATTGCCCTGACAGGTGAAGTACTGGCTGTGTTGAAGGTTGACAATCGTGTGTGGCCAGACAGG
ATGGGGACTGGTGGTGAGAAATCCTGGGACCAGGCTTTTAGCATCTCCTTGGACCGAGTGACCTTCTGT
GAGCCTGTCAATGAAAGGAGGCCGCGGCTGCAGAGACAGAGACGCGTTTTCTCTAAGCGGAGAGGCCAGG
ATTTCTGAGAGCTTCCAGATGAACCTCAGCATGACGGCTGGGGGCGCCTGGTCATGAGCTTGTCTACC
CCCCTGCAGCTCCCCGAGCACAGTCAGTCCCCCTAAAGGGTGCCTTCCGGCGCAGCCTGTGAGACCTCC
AGTTCTGCTTCTCCAGCATGGTCATGCGCCTCCTGTCCATGTGACTGGGCTCAGACATTTCTTCTT
ACAGTAACTCCGGCCCGTGAAGACTCTCCAGGAGAAGACATGAAACCTCCACCCAAGCCCCACGCGCT
CTATCTGCAGGAACAGCCCCGGGACTCCTTGTACCAAGCGCCCCACATGGACCCTAGAAGTGGAGTA
GCGCCCCCTCTGGCAGCCTGTCCACCAGGAACCCCCCAACTTCAGGACTTCCGATGTTTGGCTGTGC
TGGGCCGGGGACACTTTGGGAAGGTCTCTGGTCCAGTACAAAGGAACGGGAAAATACTACGCTATCAA
GGCACTCAAGAAACAGGAAGTGTAGGCCGGGATGAGATTGACAGCCTGTACTGTGAGAAGCGGATCCTG
GAGACTGTGGGTCGTACAGGGCACCCGTTCTTGTCTCTCTCCTTGCCTGCATCCAGACCTCCAGTCAGC
CCTGCTTTGTTACTGAGTTTCTGCCCGGAGGAGACCTCATGATGCAGATCCACGAGGATGTCTTCTCTGA
GCCCCAGGCCTGCTTCTACCTGGCCTGTGTGGTCTGGGCTGCAGTTCTACACGAGAAGAGGATCATT
TACAGGGATCTGAAATTGGATAATCTACTACTGGATGCCAGGGCTTCTCAAGATTGCAGACTTCGGAC
TATGCAAGAAGGAATTGGCTTTGGTGACCGGACCAGCACTTTCTGTGGTACCCAGAGTTCTTGGCTCC
TGAGGTTTTGACTCAGGAGGCTTACACTCGGGCTGTGGACTGGTGGGGCTCGGTGTGCTGCTCTATGAG
ATGTTAGTGGGGACACGGAAGACGAGGTGTTTGAATGCATCGTCAATGCTGATGTCCCATGTCCCCTACT
TCCTGTGAGCTCAAGGCTCGAGCTCATTGAGAAGCTCCTCCAGAAGTCCCAGAGAAGCGTCTAGGGGC
AGGAGAGCGGGCCGCGAGGAGATCAAGGTTGAGCCATTCTTCCAGCCCCCTTCGTGCCTACCTCTGT
GGCCCTGCAGACCTTCGTTACTTCGAGGGAGAGTTCACCAGCCTGCCTCAACCCTGACCCACCACTCC
CCCGCCGTTCCCTCTGCTCGCCAACAAGCTGCCTCCGGGACTTTGACTTTGTGTCTAAGCGGTTCTT
GGAGTCC**TGA**

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-RsrII
ACCN:	NM_001047861
Insert Size:	2880 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_001047861.1</u> , <u>NP_001041326.1</u>
RefSeq Size:	2880 bp
RefSeq ORF:	2880 bp
Locus ID:	296619
Cytogenetics:	3p12