

Product datasheet for **RN210435**

Kpna6 (NM_001015029) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kpna6 (NM_001015029) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Kpna6
Synonyms:	MGC124892
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN210435 representing NM_001015029
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAAACTATGTGTCAGAGACCATGGCAAGCCAGGAAAGACAATTATCGAATGAAGAGCTATAAGA
 ACAATGCCTTAAACCCTGAGGAAATGAGACGAAGAAGGGAGGAAGAGGGCATTACAGTTCGGAAACAGAA
 GCGGGAGCAGCAACTTTTTAAACGGAGAATGTGGAGCTGATTAATGAAGAAGCTGCCATGTTTGACAGT
 CTGCTGATGGATTCTACGTGAGCTCCACAACGGGAGAGTGTGATCACAAGGGAATGGTGGAGATGC
 TCTTTTCTGACGATTCTGACTTACAGTTAGCAACCACACAGAAATCCGGAAACTCCTTTCAAAGAGCC
 AAGTCTCCAATAGATGAAGTTATTAACACTCCAGGAGTAGTTGATCGGTTTGTGGAGTTTCTGAAGAGG
 AGTGAGAATTGTACATTACAGTTTGAAGCTGCCTGGGCTCTAACAAACATTGCCTCTGGAACCTCTCAGC
 AGACAAAATTGTCATTGAAGCAGGAGCTGTCCCATTTTATAGAGCTGCTTAACCTCAGACTTTGAAGA
 TGTACAAGAACAGGCAGTCTGGGCTCTTGAAACATAGCTGGAGACAGTTCAGTCTGCAGAGACTATGTC
 TTGAATTGTTCCATCCTTAATCCTCTGTTAACACTCCTTACTAAGTCCACACGACTGACGATGACACGGA
 ATGCAGTCTGGGCCCTGTCAAACCTCTGCCGAGGGAAGAACCCTCCTCCAGAGTTCGCAAAGTCTCTCC
 TTGTTTGCCTGTATTGTCTCGCCTACTCTTCAGCAGCGACTCAGACTTGCTGGCAGATGCTTGCTGGCC
 CTCTCTTACCTGTCTGATGGCCCAATGAGAAGATCCAGGCAGTCATAGACTCTGGAGTCTGCCGGAGAT
 TGGTAGAGCTTCTGATGCACAACGATTACAAAGTGGCGTCTCCTGCCTTGAGAGCTGTGGTAATATTGT
 CACCGGGGATGATATCCAGACCCAGGTCATTCTTAACCTGTTACGCCCTCCCTGCCTCCTCCACCTGCTG
 AGCAGCTTAAGGAATCAATCCGGAAGGAAGCTTGTGGACCATTTCAAACATCACTGCTGGCAACAGGG
 CTCAAATACAGGCTGTCATAGATGCAAATATCTCCCTGTATTGATCGAAATCCTTCAGAAAGCAGAGTT
 CCGTACGAGAAAGAAGCAGCCTGGGCCATCACCAATGCAACCTCAGGAGGAACCCCTGAGCAAATCAGG
 TACTTGGTATCACTGGGCTGCATTAAGCCCTGTGTGACTTGCTGACTGTAATGGATTCAAAAATTGTAC
 AAGTGGCCCTCAATGGACTAGAGAACATTCTGCGGCTCGGAGAGCAAGAGGGCAAGCGCAGTGGCTCAGG
 GGTCAATCCCTACTGTGGCCTCATCGAGGAAGCCTATGGCTTGGATAAGATTGAGTTTCTCCAGAGCCAT
 GAGAACCAGGAGATCTACCAGAAGGCCTTTGACCTCATCGAGCACTACTTGGTGTAGAGGATGACGACA
 GCAGCCTGGCCCTCAGGTGGACGAGACTCAGCAGCAGTTCATCTCCAGCAGCCCGAGGCCCCCATGGA
 GGGCTTCCAGCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001015029

Insert Size: 1626 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_001015029.2](#), [NP_001015029.2](#)

RefSeq Size: 2181 bp

RefSeq ORF: 1626 bp

Locus ID: 362607

Cytogenetics: 5q36