

Product datasheet for **RN208137**

Kpna1 (NM_198726) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kpna1 (NM_198726) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Kpna1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN208137 representing NM_198726
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTCCACGCCAGGAAAAGAGAAGTTTCGCCTGAAAAGTTACAAGAACAATCTCTGAATCCTGATGAGA
 TCGCAGGAGGAGGGAGGAAGAAGGACTGCAGTTACGGAAGCAGAAAAGGGAAGAACAGTTATTTCAAGAG
 AAGAAATGTTGCTACAGCAGAAGAAGAAACAGAAGAAGAAGTTATGTCTGATGGTGGCTTTCATGAGGCC
 CAGATAAATAACATGGAGATGGCACCAGGGGAGTCATTACCTCTGACATGACTGAGATGATATTCTCCA
 ATAGCCCAGAACAGCAGCTTTCTGCAACACAGAAATTTAGGAACTACTTTCAAAGAACCTAATCTCTCC
 TATTGATGAAGTCATCAACACACCAGGAGTAGTGGCCAGGTTTGTGGAGTTCTCAAACGAAAAGAAAAT
 TGTACTGCAGTTTGAATCAGCTTGGGCTGACAAATATTGCTTCAGGAACTCTCTTCAGACCCGGA
 TTGTGATTCAGGCAGGAGCTGTTCTATCTTCATCGAGTTGCTTAGCTCAGAGTTTGAAGATGTCCAGGA
 GCAGGCAGTCTGGGCTCTGGCAACATTGCTGGAGATAGCACCATGTGCAGGGACTACGCTTTAGACTGC
 AATATCTTCCCTCTGCTGCAGTTATTTTCAAAGCAAAACCGCTTGACCATGACCCGGAATGCAGTGT
 GGGCTTTATCTAATCTATGTAGAGGGAAGAGTCCACCTCCAGAATTTGCTAAGGTTTCTCCCTGTCTGAA
 TGTCTTTCTTGGTTGCTGTTTGTGAGTACTGATGTACTGGCTGATGCTTGTGGGCTCTCTCATACT
 CTGTGAGTGGACCAATGATAAAATCCAAGCAGTCATCGATGCAGGAGTATGCAGGAGACTTGTGGAGC
 TTCTGATGCACAATGATTATAAAGTGGTTTCTCCTGCTTTCGGGCTGTGGGAAACATTGTTACAGGGGA
 TGACATTCAGACACAGGTAATTTGAATTGCTCAGCTCTCAGAGTTTATTGCATCTGCTGAGTAGCCCA
 AAGGAATCTATCAAAAAGAAGCATGTTGGACAATCTCTAATATTACAGCTGAAATAGGGCACAGATCC
 AGACTGTGATAGACGCTAACATGTTCCAGCTCTCAGTATATTGCAAACAGCAGAGTCCGGACGAG
 AAAGGAAGCTGCTTGGCCATCACAATGCAACTTCTGGAGGATCAGCTGAGCAGATCAAGTACCTAGTA
 GAACTGGTTGTATCAAGCCACTCTGTGATCTCCTCACTGTCATGGATGCAAAAATTGTACAGGTTGCC
 TAAATGGCTTAGAAAACATCCTGAGGCTTGGGAAACAAGAAGCCAAAAGAAATGGCTCAGGAATTAACCC
 TTAGTGTCTTTGATTGAGGAAGCATATGGTCTGGATAAAATTGAGTTTTTACAGAGTATGAAAACAG
 GAGATCTATCAGAAGGCTTTTGTCTTATTGAGCATTACTTTGGACGGAGGACGAGGACAGCAGCATCG
 CACCCAGGTTGACCTTAGCCAGCAGCAGTACATCTCCAGCAGTGTGAGGCTCCATGGAAGGTTTCCA
 GCTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_198726
- Insert Size:** 1617 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_198726.2](#), [NP_942021.2](#)

RefSeq Size: 1644 bp

RefSeq ORF: 1617 bp

Locus ID: 288064

Cytogenetics: 11q22

Gene Summary: a member of the importin/karyopherin family of nuclear transport proteins; upregulated in the striatum of rat brain after dopamine denervation [RGD, Feb 2006]