

Product datasheet for **RN213262**

Kpna4 (NM_001014793) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kpna4 (NM_001014793) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Kpna4
Synonyms:	importin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN213262 representing NM_001014793
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGACAACGAGAAATTGGACAACCAACGGCTCAAGAATTTTAAACAAGGCCGCGACTTGGAGA
 CTATGAGAAGACAACGAAATGAAGTTGTAGTTGAATTAAGAAAGAATAAAAGAGATGAACATCTCTTAAA
 GAGAAGGAATGTACCACAAGAAGATATCTGTGAAGACTCTGATATAGACGGTGATTATAGAGTGCAAAAT
 ACCTCTCTAGAAGCTATTGTTCAAAATGCTTCAAGTGATAACCAAGGAATTCAATTAAGTGCAGTTCAG
 CTGCTAGGAAGCTTTTATCCAGTGATCGAAATCCACCAATTGATGACTTAATAAAATCTGGAATATTGCC
 TATTTTAGTTCATTGTCTTGAAGAGATGACAATCCTTCTTTACAGTTTGAAGCTGCATGGGCTTTGACA
 AACATTGCATCTGGAACGTCTGAACAGACGCAAGCAGTGGTTCAGTCCAATGCTGTCCACTTTTCTGGA
 GGCTTCTGCATCACCCATCAGAATGTCTGTGAACAGGCAGTGTGGCATTGGGAAATATTATAGGTGA
 TGGACCTCAGTGTAGAGATTATGTGATAAGCCTTGGAGTTGTAACCTCTGCTTTCATTATAAGTCCA
 TCTATTCTATAACATTCTTAAGAAATGTTACCTGGGTGATGGTCAACTTATGTCGCCACAAGGACCCAC
 CACCACCAATGGAGACAATTCAGGAGATTCTTCCAGCTCTTTGTGTATTAATTCACACAGATGTAAA
 TATACTGGTAGATACTGTCTGGGCCCTATCTTACCTTACGGATGCTGGCAATGAGCAGATACAGATGGTA
 ATAGACTCTGGAATAGTTCCTCATTGGTTCGGCTACTCAGCCACCAGGAAGTTAAAGTTCAGACTGCTG
 CACTGCGAGCTGTGGCAACATTGTCACTGGAAGTGTGAGCAACACAAGTAGTTTTAACTGTGATGC
 TCTCTCACACTCCCAGCACTCCTCACTCATCCAAAGAGAAAATTAATAAGGAAGCAGTGTGGTTCCTC
 TCCAACATCACCGCAGGAAATCAACAGCAGGTTCCAGGCAGTAATTGATGCCAATCTGTACCAATGATAA
 TACACCTTTTGGATAAGGGAGATTTTGGCACTCAGAAAGAAGCTGCTTGGGCCATAAGTAACTTAA
 TAGTGGGAGGAAAGACCAAGTCGCCTATCTCATCCAACAAAATGTTATTCCACCTTTTGAATTTGCTG
 ACTGTAAGATGCACAAGTCGTGCAAGTGTGCTTGTGGACTAAGTAATATATTAATAAATGGCTGAAG
 ATCAAGCGGAAACCATAGCCAATCTCATAGAAGAATGTGGTGGACTGGAGAAAATGAACAACCTTCAGAA
 TCATGAAAATGAGGACATCTACAAATGGCCTATGAGATCATTGACCAGTCTTCTCTTCAGATGATATT
 GATGAAGATCCTAGCCTTGTCCAGAGTCAGTTCAAGGTGGAACATTTGGTTTCAATTCATACCAATG
 TACCAACAGAGGGTTCAGTTTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001014793

Insert Size: 1566 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_001014793.1](#), [NP_001014793.1](#)

RefSeq Size: 2016 bp

RefSeq ORF: 1566 bp

Locus ID: 361959

Cytogenetics: 2q32