

Product datasheet for **RN210256**

Kpnb1 (NM_017063) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kpnb1 (NM_017063) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Kpnb1
Synonyms:	Impnb
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN210256 representing NM_017063
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGCTCATAACCATCCTCGAGAAGACCGTGTCTCCGGATCGGCTGGAGCTGGAAGCGGCCGAGAAGT
 TCCTTGAGCGTGC GGCTGTGGAGAATCTGCCACAGTTCCTGGTGGAACTGTCCAGAGTGTGGCAAATCC
 CGGAAACAGTCAGGTTGCCAGAGTTGCAGCTGGTCTACAAATTAGACTCTTGACATCGAAGGATCCAGAT
 ATCAAGGCACAGTACCAGCAGAGGTGGCTTGCTATTGATGCTAATGCTCGCGGGAAAGTCAAGAATATG
 TTTTGCAGACTTTGGGCACAGAGACTTACCGGCCTAGTTCAGCCTCACAGTGTGTGGCTGGTATCGCTTG
 TGCAGAGATCCCAGTAAGCCAGTGGCCGGAATAATCCTCAGCTGGTAGCCAATGTCACCAACCCCAAC
 AGCACGGAGCACATGAAAGAGTCCACACTGGAAGCCATCGGTTACATTTGCCAAGATATAGACCCGGAGC
 AGCTGCAGGATAAATCCAATGAGATCCTGACTGCCATAATCCAGGGCATGCGGAAGGAAGAGCCTAGTAA
 CAATGTGAAGCTGGCCGCTACCAACGCGCTCCTGAACTACTGGAGTTCACCAAAGCAAACCTTCGACAAA
 GAGTCTGAACGGCACTTTATCATGCAAGTGGTCTGTGAAGCCACACAGTGTCCAGATACAAGGGTAAGAG
 TGGCTGCTTTACAGAATCTAGTGAAGATAATGTCTTGTATTACCAAGTACATGGAGACATACATGGGCC
 TGCCCTCTTTGCAATCACAATTGAAGCAATGAAAAGTGACATTGATGAGGTAGCTCTCCAAGGGATAGAG
 TTCTGGTCCAATGTCTGTGATGAGGAAATGGATTTGGCCATTGAGGCTTCAGAGGCAGCAGAAACAAGGAC
 GGCCCCCGGAGCACACCAGCAAATTTACGCCAAGGGAGCGCTGCAGTACCTGGTGGCCATCCTCACACA
 GACACTAACTAAACAGGATGAAAACGATGACGACGATGACTGGAACCTTGCAAAGCAGCTGGGGTGTGC
 CTCATGCTCCTGTCTACCTGTGTGAAGATGACATTGTGCCACATGTCTTCCCTTTATTAAGAGCACA
 TCAAGAACCCTGACTGGCGGTACCGGGATGCAGCAGTGTGGCTTTTGGCAGCATCTTGGAAAGCCAGAG
 GCCTAACCCAGCTTAAACCATTAGTCATACAGGCTATGCCACCCTGATAGAATTAATGAAAGACCCCACT
 GTAGTTGTTCCAGATACAACAGCATGGACTGTGGCAGGATCTGTGAGCTGCTGCCTGAAGCTGCCATCA
 ATGATGTCTACTTGGCACCCCTTTACAGTGTCTGATTGAGGGTCTCAGTGTGAACCCAGAGTGGCTTC
 AAATGTGTGCTGGGCTTTTCCAGTCTGGCTGAAGCTGCTTACGAAGCTGCAGATGTAGCTGATGATCAG
 GAAGAACCAGCCACTATTGCTTGTCTTCTTCTTTGAACTTATAGTTCAGAAGCTGCTGGAGACCACCG
 ACAGACCTGATGGACACCAGAACAACCTGAGAAGTCTGCATATGAATCTCTAATGGAAATTGTAAAAAA
 CAGTGCCAAGGATTGTTACCCTGCGGTGCAGAAGACCACCCTGGTATTATGGAACGGTTGCAGCAGGTG
 CTTGAGATGGAGTCCCACATCCAGAGCAGTCCGACAGGATCCAATCAATGACCTCCAGTCTCTACTCT
 GTGCAACTCTTACAGATGTTCTCTGAAAAGTGCAGCATCAAGATGCTTTGCGAGATCTCTGATGTGGTCA
 GGCTCCCTGTTAAGGATGTTCCAAAGCACAGCTGGGTCTGGCGGAGTGCAAGAAGACGCCCTGATGGCA
 GTCAGCACACTGGTGAAGTGTGGGTGGTGAATTCCTCAAGTACATGGAGGCCTTTAAACCATTCTGG
 GCATTGGATTGAAAAATTATGCTGAATGCCAGGTGTGTTGGCAGCTGTTGGCTTAGTTGGAGACTTGTG
 CCGAGCCCTGCAGTCTAACATCTTACCTTTCTGTGATGAGGTGATGCAGCTGCTCCTAGAGAACTTAGGG
 AATGAGAATGTCCACAGGTCTGTGAAACCACAGATTCTGTCTGTGTTGGTGACATTACTTGGCATTG
 GTGGAGAATTTAAGAAATACTTGGAGTTGTACTGAATACACTGCAGCAGGCCTCCCAAGCCCAAGTGA
 CAAGTCAACTTTGACATGGTGGATTATCTGAATGAGCTAAGAGAAAGCTGCTTGAAGCTTATACGGGA
 ATCGTCCAGGGATTGAAGGGAGACCAGGAAAACGTACACCCTGATGTAATGCTGGTGAACCCAGAGTAG
 AATTTATTTTGTCTTTTATTGATCACATTGCTGGAGATGAGGATCATACGGATGGAGTGGTACTTGTGC
 TGCTGGACTGATAGGGGACTTGTGTACAGCATTGGAAAGGATGTACTGAAATTAGTAGAAGCTAGGCCA
 ATGATCCATGAACTATTAAGTGAAGGGCGGAGATCGAAGACTAACAAAGCAAAGACCCCTTGTACGTGGG
 CAACAAAGGAACTGAGGAAACTGAAGAACCAAGCT**TGA**

ACGGCTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_017063

Insert Size:	2628 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:	NM_017063.1 , NP_058759.1
RefSeq Size:	2991 bp
RefSeq ORF:	2628 bp
Locus ID:	24917
UniProt ID:	P52296
Cytogenetics:	10q31
Gene Summary:	subunit of complex necessary for nuclear import [RGD, Feb 2006]