

Product datasheet for **RN207878**

Katnb1 (NM_001024746) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Katnb1 (NM_001024746) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Katnb1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN207878 representing NM_001024746
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCACCCCTGTGGTACCAAGACTGCCTGGAAGTTACAAGAGATCGTCGCCATGCCAGCAATGTGT
 CCTCCTTGGTGTGGCAAGGCCTCGGGGCGGCTATTGGCCACTGGTGGGGATGACTGTCGAGTCAACCT
 GTGGTCCATAAACAAGCCTAACTGTATCATGAGTCTGACAGGTACACAGTCCCCCGTGGAGAGTGTCCGC
 CTCAACACCCCTGAGGAGCTCATCGTAGCTGGTCCCAGTCGGGCTCCATCCGCTCTGGGACCTGGAAG
 CTGCTAAAATTCTTGAACACTCATGGCCACAAGCAACATCTGCAGCCTGGATTTCCACCCCTATGG
 CGAATTTGTGGCCTCAGTTCCCAGGACACAACATCAAGCTTTGGGACATCAGGAGAAAAGGCTGTGTC
 TTCGATATAGGGGGCACAGCCAGGCTGTGCGGTGTCTCCGGTTCAGCCCTGATGGGAAGTGGCTGGCAT
 CGGCAGCAGATGACCACACAGTGAAGCTTTGGGATCTGACGGCTGGCAAGATGATGTCGAGTTCCTGG
 TCATACAGGGCCTGTCAACGTGGTGGAGTTTACCCCAATGAATATCTCCTTGTCTTGGCAGCTCCGAC
 AGGACAATCCGCTTTTGGGACCTGGAGAAGTCCAGGTGGTGGCTGCATTGAAGGGGAGCCGGGGCCTG
 TGAGGAGTGTCTCTTCAACCTGATGGCTGTGCCTGTATAGCGGCTGCCAGGACTCGTGCCTGTCTA
 CGGCTGGGAGCCTGAGCGCTGCTTTGATGTGGTCTTGTCAACTGGGCAAGGTGGCTGACCTGGCCATC
 TGCAATGACCAGCTGATAGGTGTGGCTTCTCCAGAGTAATGTCTCCTTATGTGGTGGACCTGACAA
 GAGTCACCAGGACAGGAAGTGTGACCCAGGACCTGTGCAAGTAGCCAGCCTCAGACACAACAGACCCC
 TAACCTGGTGTCTCCCTTCGCCGATCTACGAGCGGCCAGCACAACCTGCAGCAAGCCTCAGAGGGTA
 AAGCACAACCTCAGAGAGTGAGCGGCGCAGCCCCAGCAGTGAAGATGACAAGGATGAGCGTGTGCGGG
 CCGAGATCCAGAATGCGGAGGACTACAATGAGATCTTCCAGCCCAAGAACAGCATCAGTCGGACACCGCC
 CCGGAGAAGTGAGCCCTTCCAGCGCCCCAGAAGATGACATAGCCACAGCAAAGGAGGCCCTCGAAACCC
 AGCCCAGCCATGGATGTGCAAGTTCGCGGTGCCAAGTCAAGGAGTCCAGCACGACCATCAGTCATGACTT
 CCACTCTGCACCAAGGGTGGAGCTGTATCATCCCTGCCACGCGGAATGAGCCATTGGCCTAAAGGC
 CTCGGACTTCTTCCCGCGTGAAGTCCCCAGCAGGCAGAGCTGGTAGATGAGGATGCCATGTACACAG
 ATACGCAAAGGCCACGACACTATGTGCGTGGTGTCCAGCCGCCACAAGAACCTGGACACTGTGCGAG
 CTGTGTGGACCACAGGAGATATCAAGACATCGGTGGACTCTGCAGTGGCCATCAATGACCTGTCTGTGGT
 CGTGGACCTTCTGAATATTGTCAACCAGAAAGCCTCCCTGTGGAAGCTGGACCTGTGACCACTGTGCTG
 CCCCAAATTGAGAACTTCTGCAGAGCAAGTATGAGAGCTATGTCCAGACTGGGTGTACCTCCCTCAAGC
 TGATCCTGCAGCGGTTCCTACCCCTCATCACTGACATTTTGGCAGCCCCGCCCTCTGTGGGTGTGGACAT
 CAGCCGAGAGGAGGCTGCATAAGTGTGACTCTGCTTCAAGCAGCTCAAGAGCATCAGTGGCCTCGTC
 AAGAGCAGGTCCGGTTTGGAGCGGCCCATGGCAGTGCCTTCCGTGAGCTGCACCTACTCATGGCCAGTT
 TGGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001024746

Insert Size: 1968 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_001024746.1](#), [NP_001019917.1](#)

RefSeq Size: 1968 bp

RefSeq ORF: 1968 bp

Locus ID: 291852

Cytogenetics: 19p13