

Product datasheet for **RN217110**

Kbtbd7 (NM_001302944) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kbtbd7 (NM_001302944) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Kbtbd7
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN217110 representing NM_001302944
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCAGTCCCAGGAGACGCCCCGCGCTCTCGCCGCTCGCCAGTCCCCGCGCGGAGGCGGCCAAGA
 GGATTTCCAAGCCTCTGTGTCGGCCTTTTTCACCGGCCAGAGGAATTAAGGACACGGCCATTCTGC
 AGCCCTCTGGCAGACTCAAGTCTTTCTACGACGCGCTCTGCTGTGGATGTGACCATCGAGGTGGT
 ACGCCTGGCAGTGGGCCCGGCACGGGGCGCTCTTCTCGTGAACCGCAACGTGTGGCGCGGCTTGC
 CCTACTTCAAGAGCATGTTACAGGGGGCATGTACGAGAGCCAGCAGGCCAGCGTGACCATCCACGACGT
 GGATGCCGAGTCTTCGAGGTCTTGGTGGACTACTGCTACACTGGCCGCTGTGCTGAGCGAGGCCAAT
 GTGCAGCGCTGTACGCGGCTCGGATATGCTCCAGCTGGAGTACGTGCGTGAAGCTGTGCTTCTTCC
 TGGCTCGCGACTTGACCTGACCACTGCACTGCCATCCTCAAGTTTGCCGATGCCTTTGACCACCACAA
 GCTGCGCTCTCAGGCCAGTCTTCATAGCTCACAACTTCAAGCAGCTCAGCAGGATGGGTTCCATTCCG
 GAGGAGACGCTGGCCGATCTGACCTGGCCAGCTGTGGCCGTCTGCTGCTGGACAGTCTGGATGTAG
 AGAGTGAGAAGACTGTGTGTACGTGGCGGTGCAGTGGCTGGAGGCTGCTCCCAAAGAGCGGGGCCCTAG
 CGCTGTGAAGTCTTAAAGTGTATTGTTGGGCACACTTCCCTGCAGAAGATCAGGACTACCTGGGAGGG
 TTAAGTACCAAGCCTATTGTGAAGAAATACTGCCTGGACGTTATTGAAGGGGCCCTTCTGACGTGCGAT
 TTGGTGATAGGTTGTACAAGTCAAGTGGTGTCCAAGCCAAACAGCAGCCACAGCAGCAGTAGCAACAATAG
 CAGTAACAGCAGCAGCACCAGTAGCTCTGTTGTGTCTGTAGCGGAAAATCCACCCAAAGATTGGGTATG
 TGTGCCAAAGAGATGGTGATATTTTTGGACACCCCGAGACCCCTTCTCTGTTATGACCTTATTCCG
 GAGATATCTACAAATGCCGCTCTCCTTTGACAGCTTGGCACACACTAAGACCATTACATCTTCAGCTGT
 TTGTGTCTCTCCAGACCATGACATCTATCTTGCCGCCAACCAGGAAAGACCTATGGGTGTATAAACCA
 GCCAAAATAGTTGGCATCAGCTGGCAGACCGCTTGTGTGTGAGAGGGCATGGATGTGGCATATCTGA
 ACGGCTACATTTACATCTTGGGTGGGCGAGACCCAGTACTGGAGTTAAACTAAAGGAAGTGAATGCTA
 CAGTGTCAAAGGAACCAAGTGGGCATTGGTGGCTCCTGTACCGCATTCTTTTATTTCGAACTAATA
 GTGTTTCAAGATTACCTTACGCTGTCAACAGTAAGCGCATGCTCTGCTATGATCCTAGCCATAACATGT
 GGCTGAATTGTGCATCTTAAACGAAGTACTTTCAAGAAGCCTGTGTCTTCAAAGACGAAATCTATTG
 TATTTGTGACATCCAGTCATGAAGTCTACAACCCGGCTAGAGGAGAGTGGAGGCGGATCAGTAATATT
 CCACTGGACTCAGAAACCACAACCTACCAGATCGTCAATCATGACAAAAGTTGCTGCTCATCACTTCTA
 CCACCCACAGTGGAAAAGAACCGAGTGACAGTATATGAATACGACACTAGGGAAGACCAATGGATTAA
 TATAGGTACCATGTTAGGCCTTTTGCAGTTTACTCTGGCTTTATTTGCCTGTGTGCTCGAGTTTATCCT
 TCCTGTCTTGAACCTGGTCAGAGTTTCACTGAGGAAGATGATGCAAGAAGTGAAGTCTAGCACTGAAT
 GGGACTTAGATGGATTCAAGTGAAGTGGACTCTGAGTCAGGAAGTTCAAGTTCTTTTTCTGATGATGAAGT
 CTGGGTACAGGTTGCACCTCAGCGAAATGCACCAGATCAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001302944

Insert Size: 2073 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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:	<u>NM_001302944.1, NP_001289873.1</u>
RefSeq Size:	4580 bp
RefSeq ORF:	2073 bp
Locus ID:	100909827
Cytogenetics:	15q12