

## Product datasheet for **RR203296**

### **Kbtbd6 (NM\_001012045) Rat Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Kbtbd6 (NM_001012045) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Kbtbd6
Synonyms:	Kbtbd7
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**ORF Nucleotide Sequence:**

>RR203296 representing NM\_001012045  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCAGTCCCAGGAGACGCCCCGCGCTCTCGCCGCTCGCCAGTCCCCGCGCGGGAGGCGGCCAAGA  
 GGATTTCCAAGCCTCTGTGTCGGCCTTTTTCACCGGCCAGAGGAATTAAGGACACGGCCATTCTGC  
 AGCCCTCTGGCACAGCTCAAGTCTTTCTACGACGCGCGTCTGCTGTGGATGTGACCATCGAGGTGGTG  
 ACGCCTGGCAGTGGGCCCGGCACGGGGCGCCTCTTCTCGTGAACCGCAACGTGTGGCGCGGCTTGC  
 CCTACTTCAAGAGCATGTTACAGGGGGCATGTACGAGAGCCAGCAGGCCAGCGTGACCATCCACGACGT  
 GGATGCCGAGTCTTCGAGGTCTTGGTGGACTACTGCTACACTGGCCGCGTGTGCTGAGCGAGGCCAAT  
 GTGCAGCGCCTGTACGCGGCCTCGGATATGCTCCAGCTGGAGTACGTGCGTGAAGCCTGTGCTTCTTCC  
 TGGCTCGCCGACTTGACCTGACCAACTGCACTGCCATCCTCAAGTTTGCCGATGCCTTTGACCACCACAA  
 GCTGCGCTCTCAGGCCAGTCTTCATAGCTCACAACTCAAGCAGCTCAGCAGGATGGGTCCATTCCGG  
 GAGGAGACGCTGGCCGATCTGACCCTGGCCAGCTGTGGCCGTCTGCTGCTGACAGTCTGGATGTAG  
 AGAGTGAGAAGACTGTGTGTACGTGGCGGTGCAGTGGCTGGAGGCTGCTCCCAAAGAGCGGGGCCCTAG  
 CGCTGTGAAGTCTTAAAGTGTATTTCGTTGGGCACATTTCCCTGCAGAAGATCAGGACTACCTAGAGGAG  
 CTACTGACTAAGCCTATTGTGAAGAAATACTGCCTGGACGTTATTGAAGGGGCTCTCCTGCAGTTCGTT  
 TGGATGATGATTTGTGAAGGCTCTGATTCGGGTGCCAAGCAGCAGCAGTAAACAGCAGCAACAATAGCAA  
 TAGTAATAAACAACGATACCAGCAATACTGTATCCCTGCAGAAGAAAATCCACCCATAGGTTAGGG  
 ATGTGTGTTAAGAGAATGATGGTTTTCTTTGAACACTGCAAGCATCCCTTCTCTGCTGTACTCATACT  
 CTGGGGAATTTACAAAGTGTCTTGCCTGTGCTTGCCTTGCAGACACTAGAGCCCTCTCCACCTTAGC  
 CGTCTCTATTTTTCCAGACCATGACATCTGTTCCACTGTTCCAGCCAGGAAAGGTATGGGTATATAAG  
 CCAGCCCCAAATAATTTGCATCAACTGACTGACCACTTGTCTGTCCGAAGGGTATGGATGTGACAGATC  
 TGAATGGCTACATTTACATTTTGGGTGGACAAGACCCCGTTACTGGAGCTATATTAAGGACGTAGAATG  
 CTACAGTGTCCAGAAGAACAATGGCAATTAGTAGCTCAACCCACATTCCTTTACATCTTTGACT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RR203296 representing NM\_001012045  
 Red=Cloning site Green=Tags(s)

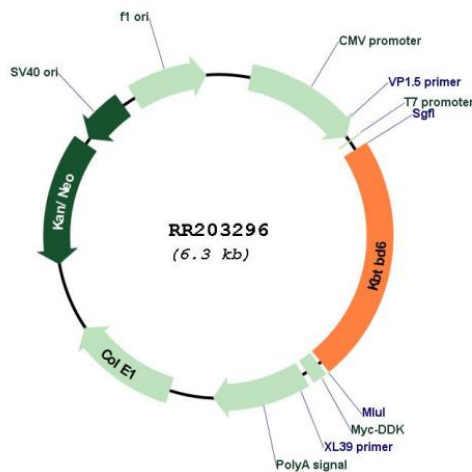
MQSREDAPRSRRLASPRGGRRPKRISKPSVSAFFTGPEELKDTAHSALLAQLKSFYDARLLCDVTEIEV  
 TPGSGPGTGRLFSCNRNVLAAACPYFKSMFTGGMYESQQASVTIHDVDAESFEVLVDYCYTGRVSLSEAN  
 VQRLYAASDMLQLEYVREACASFLARRLDL TNCTAILKFADAFDHHKLRSAQSFIAHNFQQLSRMGSIR  
 EETLADLTLAQLLAVLRDLDSL DVESEKTVCHVAVQWLEAAPKERGPSAAEVFKCIRWAHFAEDQDYLEE  
 LLTKPIVKKYCLDVIEGALLQLRLDDD LCKALIRVPSSSSNSNSNSNNNDTSNTVIPAEENPPHRLG  
 MCVKRMVVFVFEHCKHPFLCCYSYSGEIKYVFLPVSLADTRALSTLAVSIFPDHDCSTVQPRKGVWVYK  
 PAPNNLHQLTDHLLCPKGMVDVTLNGYIYILGGQDPVTGAILKDV ECYSVQKNEWQLVAQPPHSFTSLT

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**

**Plasmid Map:**


**ACCN:** NM\_001012045

**ORF Size:** 1467 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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\\_001012045.2](#), [NP\\_001012045.2](#)

**RefSeq Size:** 1758 bp

**RefSeq ORF:** 1470 bp

**Locus ID:** 306073

**Cytogenetics:** 15q12

**MW:** 54.5 kDa