

## Product datasheet for **MC216167**

### **Kbtbd13 (NM\_028974) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Kbtbd13 (NM_028974) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Kbtbd13
Synonyms:	5430433E21Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC216167 representing NM\_028974  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGCCCCAGGCCCCGAGGTCCAGTGCAGGTGTGGTGGACGGTCAACTCTCCAGGCGGAGCAGTCCG  
 TGCTGGTGGAGCACTGCGGCTTCTCCGCGGGCTTTCCGCTCTGGCATGCGGGAGGCGCGCCCGGA  
 GGTGCGCCTGGGCGCGCTGAGCGCTCCGGCTCCGCACGGCGCTGCGGGTGTGCGCGGAGAGCGGCCG  
 GCGCTGGCGGCCGAGGACGAGTTGCTGCAGGCGGTGGAGTGCGCCGCGTTCCTGCAGGCGCCCGCTCG  
 CGCGCTTCTGGAGCACAGCGTACGTCCGACAACCTGCTCGTTTTGTGCGACGCGGCCCGCTTCGG  
 CCTGCGGACGTGCTCCACAGCGCTGCGCTTTCATCCGCGACGGGTGCGACGAGCTGGTGGCACAACCTG  
 GAGTGCCCGAGGCCGAGCCTACGTGGCGCGCTGCGACCCAGCACCTACGTGGCGGTGAGCACGCACA  
 CGCCACACCGGGCTTCTAGAGGATGCGTCGCGCACCATGTGCTTCTGGACGAGGAAGAGGACGCATG  
 GCGCACGCTGGCCGCGCTGCCCTGGAGCCAGCACACTGCTGGCGGGTGTGGCCACCCTGGCAACAAG  
 CTCTACATCGTGGGTGGCGTGTGTGGTGCAGCAAGGAAGTAGTGGAGCTAGGCTTCTGTTACGACCCAG  
 AGGGTGGCACCTGGTGGCAATCCCCAGCCCTACCAACCGCGCTATGATATGGCGCTGGCTGGCTTCGA  
 AGGCCGCTCTATGCCATTGGTGGCAATTCAGAGGACACCCATGAGCTCCGTGGAGTGCATGATCCC  
 GCCACAGTTGCTGGAGCTTCGTGGCGGACTTCCACAGCCGGCTACAGGGGTTCCCTGTGCCAGGCAC  
 GTGGCCGCTCTTCGTGTGCTGTGGAGCCGGCAGACATCACTGCCGTTGTCGAGTATGGTGGCAAT  
 GGACAAGTGGCTGCCAGTGGCTGAACCTGTGTCGTTACAGAGCTACGGTCACTTTATGGTGGCCATCGC  
 GATAGTCTCTATGTAGTACGAAATGGACCTCCGATGATTTCTGCACTGTGCCATCGATTGCCTCAACC  
 TGCTCACAGGCCAGTGGACATCGCTACCTGGCCAATTTGTCAACAGCAAGGGAGCACTTTCACGCTGT  
 AGTGCCTGGGGACACCGTTTATACTGTCAACCGTGTATCCACGTTGGTCTATGCCATTGAAGATGGCAC  
 TGGCGGCTGCTCAGGGAAAAGGCTGGCTTTCCTCGGCCTGGCTCTTTACAGACCTTTCTTCTGCGGCTG  
 CTCTGGCACTACTGGACCTGTGGCCACCGCACTGCCAGAGTT**GTGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_028974

**Insert Size:** 1377 bp

**OTI Disclaimer:** Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

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](#)

**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\\_028974.1](#), [NP\\_083250.1](#)

**RefSeq Size:** 2969 bp

**RefSeq ORF:** 1377 bp

**Locus ID:** 74492

**UniProt ID:** [Q8C828](#)

**Cytogenetics:** 9 C

**Gene Summary:** Substrate-specific adapter of a BCR (BTB-CUL3-RBX1) E3 ubiquitin ligase complex.  
[UniProtKB/Swiss-Prot Function]