

## Product datasheet for **RN213124**

### **Kbtbd2 (NM\_001107861) Rat Untagged Clone**

#### **Product data:**

|                           |  |
|---------------------------|--|
| Product Type:             | Expression Plasmids                      |
| Product Name:             | Kbtbd2 (NM_001107861) Rat Untagged Clone |
| Tag:                      | Tag Free                                 |
| Symbol:                   | Kbtbd2                                   |
| Mammalian Cell Selection: | Neomycin                                 |
| Vector:                   | pCMV6-Entry (PS100001)                   |
| E. coli Selection:        | Kanamycin (25 ug/mL)                     |



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**Fully Sequenced ORF:** >RN213124 representing NM\_001107861  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGC**C

ATGTCCACTCAAGAGGAAAGGCAGATCAATACGGAGTATGCTGTGCCTTGTGGAAACAGTTGAAACTGT  
 TTTATGAACAGCAGTTATTTACTGACATAGTGTTAATTGTTGAGGGCACCGAATTCCTTGCATAAGAT  
 GGTCTTGCAACATGTAGCTCCTATTTACGGGCCATGTTTCATGAGTGGACTAAGTAAAAGCAAGCAGACA  
 CACGTGCACCTGAGGAATGTGGATGCTGCTGCCTTGCAGATGATAATAACTTACGCATACACAGGGAAC  
 TGGCGATAAACGACAGCACTGTAGAGCAGCTCTATGAAACCGCTTGTTCCTACAGGTAGAAGATGTGCT  
 ACAGCGTTGCCGAGAATATTTAATTAATAAAAAATTAATGCAGAGAACTGTGTACGGCTGTTGAGTTTTGCT  
 GACCTCTTCAGTTGTGAAGAATTAAGCAGAGTGCTAAAAGGATGGTGGAGCACAAGTTCACGGCTGTGT  
 ACCGCCAGGAAGCCTTCATGCAGCTGTCCACGACCTCCTCATAGACATCCTCAGCAGTGACAACCTAAA  
 TGTAGAAAAGGAAGAACTGTGCGAGAAGCTGCCATGCTGTGGCTAGAGTACAACACAGAGTCACGATCC  
 CAGTATTTGTCTTCGGTTCTTAGCCAGATCAGAATTGATGCACTCTCTGAAGTCACACAAAGAGCTTGGT  
 TCCAAGTCTCCACCCAACGATAAGTCTGTTGTGGTTCAAGTCTTTATAAATCCATGCCCAAGTTCTT  
 CAAACCCAGACTTGGGATGACTAAGGAGGAGATGATGATTTTCATTGAAGCATCATCAGAAAACCTTGT  
 AGTCTGTACTCTTCTGTCTGTTACAGCCCCAGGCAGAAAAAGTTTACAAGTTATGCAGCCCACCAGCTG  
 ATTTGCATAAAGTTGGGACTGTCGTAACCCCTGATAATGATATTTACATAGCAGGGGGCCAAGTGCCCT  
 GAAAAACAAAAACAAATCACAGTAAAACAAGTAACTGCAGACAGCCTTTGAACTGTGAATTGCTTT  
 TACTGGTTTGATGCACAACAAAAACCTGGTTTCAAAGACACCGATGCTTTTGTCCGGGTGAAGCCAT  
 CTTTGGTTTGTGTGAAGGCTATATCTATGCAATCGGAGGAGACAGTGTGGTGGAGAACTAAATCGGAG  
 GACTGTAGAAAAGGTATGACACTGAGAAGGATGAGTGGACAATGGTGGAGCCCTTGCCTTGCCTTGGCAG  
 TGGAGTGCAGCAGTTGTGGTTCACGACTGCATCTATGTGATGACATTAACCTCATGTAAGTACTTTT  
 CAAGGTCTGACTCATGGGTAGAAATGGCCATGAGGCAGACCAGCAGGCTTTTGTCTCGGCCGACGCTTT  
 TGGTGATAAAAATTTCTATATTGGAGGTTGCATATTGCTACCAATTCTGGTATAAGACTCCCCTCTGGC  
 ACTGTAGATGGTCTTCAGTAACTGTGGAATTTATGATGTGAATAAAAAAGAGTGGAAATGGCAGCCA  
 ACATCCCTGCTAAAAGGTATTCTGATCCCTGTGTAGAGCTGTTGTGATCTCAAATCTCTTTGTGTTTT  
 TATGCGAGAAACCCATTTAAATGAACGAGCTAAATATGCACCTACCAGTATGATTTGGAAGTTGACCGG  
 TGGTCTCTGCGCAGCATATATCTGAACGTGATTGTGGGACCTAGGGAGAGATTTTCGATGCACTGTGG  
 GAAACTTTATCCATCCTGTCTTGAAGAATCTCCATGGAAGCCACCAACTTACCTTTTTTACCAGATGG  
 AACAGAGGAGTTGAACTGGATGGAGAAATGGTTGCACTTCCACCTGTATAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001107861

**Insert Size:** 1872 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\\_001107861.1](#), [NP\\_001101331.1](#)

**RefSeq Size:** 3434 bp

**RefSeq ORF:** 1872 bp

**Locus ID:** 312372

**Cytogenetics:** 4q24