

## Product datasheet for **RN217240**

### **Rhbdf2 (NM\_001270834) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Rhbdf2 (NM_001270834) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rhbdf2
Synonyms:	Rhbdl6
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN217240 representing NM\_001270834  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGCCTCAGCTGACAAGAATGGCAGAACCTCCCATCCGTGTCTGGTAGCCGCTCGAGAGCCGGAAGC  
 CACCCAACCTATCCATCACTATCCCGCCACCAGAGACCCAGGCCCCGGGAGCAGGCTACCATGCTTCC  
 TGAGAGGCCCAAGAACCAGCCTTCTGAAGAGCGTCAGCCTCCAGGAACCCCGGGGACGATGGCAGGAT  
 GGCACAGAGAAGCGCCCTGGCTTTCGCGCCAGGCCTCCCTGTCCAGAGCATCCGCAAGGGCACAGCCC  
 AGTGGTTTGGGGTCAAGCGGACTGGGAGGGCAAGCGACAGAAGTGGCAGCGTCGACGCTGCACCACTG  
 CAGCGTCACTACGGCCGCTCAAGGCCTCGTGCCAGAGAGAAGTGGAGCTGCCAGCCAGGAGGTGCCA  
 TCCTTCCAGGGCACTGAGTCTCCAAAACCGTGCAAGATGCCAAGATTGTAGACCCGCTGGCTCGGGGT  
 GGGCTTCCGCCACCCAGATGAGGTGGACCGGCCTCACGCTGCCACGCGCTCTGACCCAGGGGTCTCT  
 GTCGCTACGTCCTTCTCCAGCGTCCGCTCTGGCTACTCCATCTGCCCGCCGCAAGAGGATATCTGTT  
 GCCCATATGAGCTTTCAGGCAGCCGCGGCCTCCTCAAGGGGCGCTCCGTGCTGGATGCAACTGGGCAGC  
 GGTGCCGGAATGTCAAGCGCAGCTTCGTCTACCCAGCTTCTGGAGGAGACGCCGTGGACGGAGCAGA  
 CACCTTCGACTCCTTTTTAGTAAGGAAGAAATGAGTTCCATGCCTGATGATGTGTTTCGAGTCTCCCCA  
 CTCTCTGTAGCTATTTCCGAGGTGTTCCATCCTCCGCTCCCTGTCTCCCTGATGGAGTGCAAAATCC  
 CACTAAAAGAATACAGCAGCCGAGCTCCAGGTCCCGGGACCCAGCGTGGCAAGCGCATTGCCTCAAAGT  
 CAAGCACTTTGCGTTTGACCGGAAGAAGAGGCATTACGGCCTGGGCGTGGTGGCAACTGGCTGAACAGA  
 AGTACCGGGCAGCATCAGCAGCACCGTGCAGCGCAGCTGGAGAGCTTCGACAGCCACCGACCTACT  
 TCACCTACTGGCTGACGTTTCGTTACATCCTCATCACCTTGTGTTGATCTGCACCTACGGCATTGCACC  
 TGTGGGCTTTGCCAGCAGCTCACACCCAGCTGGTGTGAAAAACAGAGGCGTGTATGAGAGCGTGAAA  
 TACATCCAGCAGGAGAAGTCTGGATTGCCCTAGCTCGATTGACCTCATCCACCTGGGAGCAAAGTTCT  
 CACCCTGCATCCGGAAGGACCGCAGATTGAGCAGCTGATACGGAGGGAGCGTAACATCGAGCGCACCTC  
 CGGCTGTGTCCAGAATGACCGCTCGGGCTGCATCCAGACTCTGAAGAAGGACTGCTCGGAGACTTTA  
 GCCACGTTTGTGAAGTGGCAGAATGATACGGAGCCCTCAGACAAGTCTGACCTGAGCCAGAAGCAGCCAT  
 CAGCAGTTGTGTCCACCAAGACCCAGGACCTGTGAAGAGCCAGCTCCAGTGGGGCCACATCTGGCC  
 TGATGACATTACCAAGTGGCCGATCTGCACAGAGCAGGCCAGAGCAACCGCACAGGCTTGTTCACATA  
 GACTGTAAGATCAAAGGCCGCCCTGCTGCATCGGCACCAAGGGCAGCTGTGAGATCACACACGGGAGT  
 ATGTGAGTTCATGCATGGCTATTTCCACGAAGAGGCAACACTCTGTTCCAGGTGCACTGTTTGGACGA  
 GGTGTGTGGCCTTCTGCCTTTCCTCAACCTGAGATCCCCGACCAGTTCTACCGGATCTGGCTATCTCTG  
 TTCTGCATGCTGGCATAGTGCCTGTGTCTGTGGTCTTCCAAATGACCATCCTGAGGGACTTAG  
 AGAAGCTGGCCGGCTGGCACCGCATCTCCATCATCTTTCATCCTCAGTGGTATTACAGGCAACCTGGCCAG  
 CGCCATCTTCTCCCTATCGGGCAGAGGTGGGCCAGCCGGGTCGAGTTTGGCCTCCTCGCTGCCTC  
 TTCGTGGAGCTATTCCAGAGCTGGCAGCTACTGGAGCGACCATGGAAGGCCTTCTCAACCTGTCCGCCA  
 TTGTGCTTTTCTCTTTCATCTGTGGCCTCCTGCCCTGGATAGACAACATAGCGCACATCTTCGGTTTCT  
 CAGTGGCATGCTCCTGGCCTTCGCCTTCTGCCCTACATCACCTTGGCACCAGCGATAGTACCAGCAAG  
 CAAGCCCTCATCCTGGTGTCACTGCTGGTCTTCGCCGGGCTCTTCGCTTCCCTGGTGTGTGGTTGTACA  
 TCTACCCCATCAACTGGCCCTGGATCGAGTACCTCACCTGCTTTCCTTACCAGCCGCTTCTGTGAGAA  
 GTACGAGCTAGACCAGGTGCTGCACT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001270834  
**Insert Size:** 2478 bp

<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001270834.1, NP_001257763.1</u>
<b>RefSeq Size:</b>	3408 bp
<b>RefSeq ORF:</b>	2478 bp
<b>Locus ID:</b>	303690
<b>Cytogenetics:</b>	10q32.2