

## Product datasheet for MC227429

### Rhbdd3 (NM\_001290493) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids

**Tag:** Tag Free

**Symbol:** Rhbdd3

**Synonyms:** Ptag

**Mammalian Cell Selection:** Neomycin

**Vector:** pCMV6-Entry (PS100001)

**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >MC227429 representing NM\_001290493  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGCATGCCTGGGAGGCCCTGGCTCACTGTCCCGGGCCCTGCCCCTTGCTTCCTCAGTCCTGATGCTGC  
TGCTGAGCTGTCTGTGGTTATTGGGGGCTGGCCCCAGCCTCAGATTGGCTCCAGAGCTGCTAATGGAACC  
CTGGCAGGTGCACAGGCTGTGACCATGCTCTGGCCCACTGCACTGCCAGGCTGCTCCTGAGCCTG  
CTGCTTCTGCCCCTCTGGCTGGTGGCAGGAGTGCCATCTGGCACTGTGCGCTTCTGCACAACCTCA  
CTGTGCTTGGCCCTGGCTACTGGGCTGCTGGCTGTGCTGCTGGCGGGCCTTGGGGTGTCCGGTGGCTGG  
AGGCTGTGGCTATATGCCTGTCCATCTAGCTATGCTGGCTGGACAGAGTCACCACCCTGGATGGCCTCAG  
AGGACACTGCCACCATGGCTGCTACCATGGCTGCTGCTGGCCCTGACCCTGCTGCTCAGCTCTGAGCCAC  
CCTTCTGCAGCTCCTTTGTGGCTTCTCACTGGCCTAGCCTATGCTGCTGGGGCTTCCAGTGGCTGGA  
GCTCTCAGAGCAGAGACTGCAGGTGTTACAGGAAGGTGCTCTTGAAGTCTCTGGCCCGATGCTGGCCG  
CTGAGGCTCTTTCCACCCCGGCGAGTCTGGGTGAGCTGCCTGTCACTTATCCTGCTGGAGTGAGGCCTG  
CCACCCTAGACCTCCTTACCTGGCTTCTCAGACTCCTGGCCTCACAGTGATGGCTGCTCAGCTCCC  
ACCACGCTGGGGCTGGACAGCTGACATGGAAGAAGTTCGGAGAGGGGCTTGGACTGGGCTGGGTCTAGC  
TTTGCTTCAGCAACGACGATGTGGGCAGCCCTAGACGAGCAGATGCTACAGGAAGGGATCCAGGCCTCCC  
TTCTTGATGTGTCAGTTGAGGTTCCAGAGCTCTCTGTGGTTGCCAAAGCCCTCTGTGTCTCTCTAAG  
GCTGCAGCAGCTACAGCACATGGGATTCCTCACTGAGCAGGCTGCACTGGCCTTGGCAGCTACAGGGCGT  
GTAGAGGGGCGAGTGTCACTGCTGGTGAAGGGCTAGTGGACACTGAGGCCTAGTGACTGAGGGAAGGA  
GTAGCCCTGCCACTGCACAGGCACTGGGGCTCATAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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| <b>Restriction Sites:</b>     | Sgfl-Mlul                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>ACCN:</b>                  | NM_001290493                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Insert Size:</b>           | 1158 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>Note:</b>                  | Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>RefSeq:</b>                | <u>NM_001290493.1</u> , <u>NP_001277422.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>RefSeq Size:</b>           | 1612 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq ORF:</b>            | 1158 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Locus ID:</b>              | 279766                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>UniProt ID:</b>            | <u>Q8BP97</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Cytogenetics:</b>          | 11 A1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |