

## Product datasheet for MR229639

### Rhbdd3 (NM\_001290492) Mouse Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Rhbdd3 (NM\_001290492) Mouse Tagged ORF Clone  
 Tag: Myc-DDK  
 Symbol: Rhbdd3  
 Synonyms: Ptag  
 Mammalian Cell Selection: Neomycin  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 ORF Nucleotide Sequence: >MR229639 representing NM\_001290492  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGC**C

ATGCATGCCTGGGAGGCCCTGGCTCACTGTCCCAGGCGCCCTGCCCTTGCTTCTCAGTCTGATGCTGC  
 TGCTGAGCTGTCTGTGGTTATTGGGGGTGGCCCCAGCCTCAGATTGGCTCCAGAGCTGTAATGGAACC  
 CTGGCAGGTGCACAGGCTGCTGACCCATGCTCTGGCCCACTGCACTGCCAGGCTGCTCTGAGCCTG  
 CTGCTTCTGCCACTCTGGGCTGGTGGCAGGAGTCCATCTGGCACTGTGCGCTTCTGCACAACCTCA  
 CTGTGCTTGGCTGGCTACTGGGCTGCTGGCTGTGCTGCTGGCGGCCTTGGGGTGTCCGGTGGCGCTGG  
 AGGCTGTGGCTATATGCCTGTCCATCTAGCTATGCTGGCTGGACAGAGTCAACACCTGGATGGCCTCAG  
 AGGACACTGCCACCATGGCTGCTACCATGGCTGCTGCTGGCCCTGACCCTGCTGCTCAGCTCTGAGCCAC  
 CCTTCTCGAGCTCCTTTGTGGCCTTCTCACTGGCCTAGCCTATGCTGCTGGGGCCTTCCAGTGGCTGGA  
 GCTCTCAGAGCAGAGACTGCAGGTGTTACAGGAAGGTGTCCTTTGCAAGTCTCTGGCCCGATGCTGGCCG  
 CTGAGGCTCTTTCCACCCCGGGCAGTCTGGGTGAGCTGCCTGTCACTTATCCTGCTGGAGTGAGGCCTG  
 CCACCCCTAGACCTCCTTACCTGGCTTCTCAGACTCCTGGCCTCACAGTGATGGCTCTGCTCAGTCCC  
 ACCACGCTGGGGCTGGACAGCTGACATGGAAGAAGTCCGAGAGGGGCTGGACTGGCTGGGTCTAGC  
 TTTGCTTACGCAACGACGATGTGGCAGCCCTAGACGAGCAGATGCTACAGGAAGGATCCAGGCCCTCC  
 TTCTTGATGTGTCAGTTCAGGGTCCCAGAGCTCTCTGTGGTTGCCAAAGCCCTCTGTGCTTCTTAAG  
 GCTGCAGCAGCTACAGCATGGGATCCCCACTGAGCAGGCTGCACTGGCCTTGGCAGCTACAGGGCGT  
 GTAGAGGGGGCAGTGTCACTGCTGGTGGAGGGCTAGTGGACACTGAGGCCCTAGTACTGAGGGAAGGA  
 GTAGCCCTGCCACTGCACAGGCACTGGGCCTCA

**ACGGT**ACGGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR229639 representing NM\_001290492  
Red=Cloning site Green=Tags(s)

MHAWEPGSLSRALPLASSVLMLLL SCLWLLGAGPSLRLAPELLMEPWQVHRL LTHALGHTALPGLLLSL  
 LLLPTLGWWQECHLGTVRFLHNSTVLALATGLLAVLLAGLVSGAAGCGYMPVHLAMLAGQSHHPGWPQ  
 RTLPPWLLPWLLLAL TLLL SSEPFLQLL CGLL TGLAYAAGAFQWLELSEQR LQVLQEGVLCKSLARCWP  
 LRLFPTPGSLGELPVTPYAGVRPATPRPPYLASSDSWPHSDGSAQLPPRLGPGQLTWKNSERGLDWAGSS  
 FASATTMWAALDEQMLQEGIQASLLDVS VQGSQSSLWLPKPSVSSLRLQQLQHMGPTEQA AVALAATGR  
 VEGAVSLLVEGLVDTEALVTEGRSSPAHCTGTGAS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

**ACCN:** NM\_001290492

**ORF Size:** 1155 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.

**Note:** Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

**RefSeq:** [NM\\_001290492.1](#), [NP\\_001277421.1](#)

**RefSeq Size:** 2007 bp

**RefSeq ORF:** 1158 bp

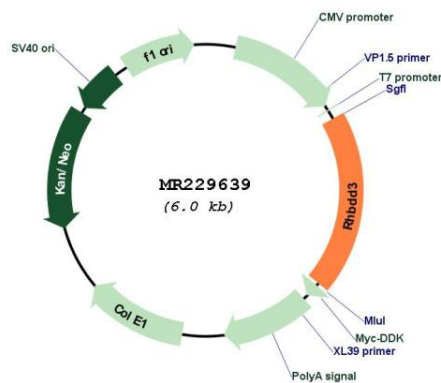
**Locus ID:** 279766

**UniProt ID:** [Q8BP97](#)

**Cytogenetics:** 11 A1

**MW:** 40.9 kDa

**Product images:**



Circular map for MR229639