

Product datasheet for **RR206475**

Rhbdf2 (NM_001107067) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rhbdf2 (NM_001107067) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Rhbdf2
Synonyms:	Rhbdl6
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>RR206475 representing NM_001107067
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCTCAGCTGACAAGAATGGCAGAACCTCCCATCCGTGTCTGGTAGCCGCTCGAGAGCCGGAAGC
 CACCCAACCTATCCATCACTATCCCGCCACCAGAGACCCAGGCCCCGGGAGCAGGCTACCATGCTTCC
 TGAGAGGCCCAAGAACCAGCCTTCTGAAGAGCGTCAGCCTCCAGGAACCCGGGGACGATGGCAGGAT
 GGCACAGAGAAGCGCCCTGGCTTTCGCGCCAGGCCTCCCTGTCCAGAGCATCCGCAAGGGCACAGCCC
 AGTGGTTTGGGTGAGCGGCGACTGGGAGGGCAAGCGACAGAAGTGGCAGCGTCGACGCCTGCACCACTG
 CAGCGTCACTACGGCCGCTCAAGGCCTCGTCCAGAGAGAAGTGGAGCTGCCAGCCAGGAGGTGCCA
 TCCTTCCAGGGCACTGAGTCTCCAAAACCGTCAAGATGCCAAGATTGTAGACCCGCTGGCTCGGGGTC
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 GTCGCTACGTCCTTCTCCAGCGTCCGCTCTGGCTACTCCATCTGCCCGCCGCAAGAGGATATCTGTT
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 TCACCTACTGGCTGACGTTTCGTTACATCCTCACCTTGTGTTGATCTGCACCTACGGCATCGCACC
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 CGGCTGTGTGCCAGAATGACCGCTCGGGCTGCATCCAGACTCTGAAGAAGGACTGCTCGGAGACTTTA
 GCCACGTTTGTGAAGTGGCAGAATGATACGGAGCCCTCAGACAAGTCTGACCTGAGCCAGAAGCAGCCAT
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 GGTGTGTGGCCTTCTGCCTTTCCTCAACCTGAGATCCCCGACCAGTTCTACCGGATCTGGCTATCTCTG
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 CAGTGGCATGCTCCTGGCCTTCGCTTCTGCCCTACATCACCTTGGCACCAGCGATAGTACCAGCAAG
 CAAGCCCTCATCCTGGTGTCACTGCTGGTCTTCGCCGGGCTCTTCGCTTCCCTGGTGTGTGGTTGTACA
 TCTACCCCATCAACTGGCCCTGGATCGAGTACCTCACCTGCTTTCCTTACCAGCCGCTTCTGTGAGAA
 GTACGAGCTAGACCAGGTGCTGCAC

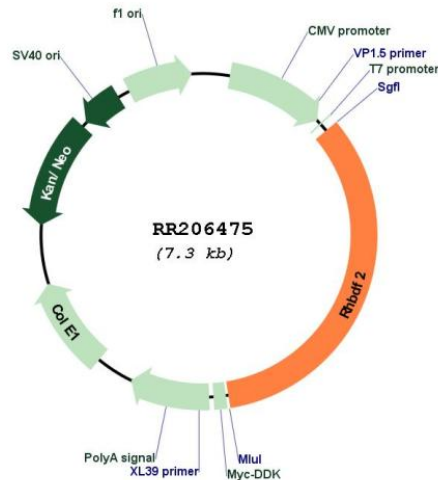
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR206475 representing NM_001107067
Red=Cloning site Green=Tags(s)

MASADKNGSNLPSVSGSRLQSRKPPNLSITIPPPETQAPGEQATMLPERPKNPAFLKSVSLQEPRGRWQD
GTEKRPGFRRQASLSQSIRKGTAWFGVSGDWEGRQNWQRRSLHHC SVHYGRLKASCQRELELPSQEV
SFQGTESPKCKMPKIVDPLARGRAFRHPDEVDRPHAAHAPLTPGVLSLTSFSSVRSYGSHLPRRKRI
AHMSFQAAAAALLKGRSVLDATGQRCRNVKRSFVYPSFLEEDA VDGADTFDSFFSKEEMSSMPDDVFES
LSASYFRGVPSSASPVPDGVQIPLKEYSSRAPGPGTQRGKRIASKVKHFAFDRKKRHYGLGVVGNWLN
SYRRSISSTVQRQLESFDSHRPYFTYWLTFVHILITLLVICTYGIAPVGFAQHVTTLVLKNRGVYESV
YIQQENFWIGPSSIDL IHLGAKFSPCIRKDRQIEQLIRRERNIERTSGCCVQNDRSGCIQTLKDCSETL
ATFVKWQNDTEPSDKSDLSQKQPSAVVCHQDPRTCEEPASSGAHIWDDITKWPICTEQAQSNRTGLLHI
DCKIKGRPCCIGTKGSC EITTREYCEFMHGYFHEEATLCSQVHCLDEVCGLLPFLNPEIPDQFYRIWLS
FLHAGIVHCLVSVVFQMTILRDLEKLAGWHRISIIIFILSGITGNLASAIFL PYRAEVGPAGSQFGLLACL
FVELFQSWQLLERPWKAFFNLSAIVLFLFICGLLPWIDNIAHIFGFLSGMLLAFALPYITFGTSDRYRK
QALILVSLLVFAGLFASLVLWLYIYPINWPWIEYLTCFPFTRFCEKYELDQVLH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Plasmid Map:


ACCN: NM_001107067

ORF Size: 2475 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.

RefSeq: [NM_001107067.2](#), [NP_001100537.2](#)

RefSeq Size: 3480 bp

RefSeq ORF: 2478 bp

Locus ID: 303690

Cytogenetics: 10q32.2

MW: 93.3 kDa