

Product datasheet for **MC205414**

Rhbdf1 (NM_010117) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rhbdf1 (NM_010117) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rhbdf1
Synonyms:	C16ORF8; Dist; Dist1; Egfr-rs; mKIAA4242
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC027346
 GGCGGGGCGCCCTCCCGGCCGACGCGGGCGGGCAGCCGGTGCAGACCCTTCTGAGGACCCTACGGCG
 GCCTGTCTCACTGCGCCTGGAACCATGAGTGAAGCCAGGAGAGACAGTACTAGCAGCCTGCAACGCAAGA
 AACCCCATGGCTCAAGTTGGACATCCCAGCCGTGGTCCCCCAGCAGCAGAGGAGCCAGCTTCTCTGCA
 GCCCGTGGCGGACAGGCTTTCTTGCGGAGTGTGAGTATGCCAGCTGAGACAGCCGGTCCCATCACCC
 CACCATGAGCCTCGCCGGCTGGTGTGCAGCGTCAGACATCCATCACACAGACCATCCGCAGGGGACAG
 CAGACTGGTTTGGAGTGAGCAAGGACAGTGCAGCACCCAGAAGTGGCAGCGCAAGAGCATCCGTCAGTG
 CAGCCAGCGGTATGGGAAGCTAAAGCCGAGGTTCATCCGGGAGCTGGACCTGCCAGCCAGGACAATGTG
 TCCTAACAGCACCGAGACACCACCTCCCTCTACGTGGGGCCATGCCAGCTGGGCATGCAGAAGATCA
 TAGACCCTCTGGCCCAGGCGGGCCTTTTCGCATGGTGATGACACTGCCGATGGCCTGAGTGCCCCCA
 CACTCCCCTCACACCAGGTGCAGCCTCCCTCTGCTCTTTCTCCAGCTCCCCTCAGGTTTCAACCGACTC
 CCTCGCGTGCAGAACTGAATCGGTGGCAAGATGAGCTTCCGGGCGCTGCAGCATTGGTGAAGGGTC
 GGTCTATTAGGGATGGCACTTTACGAAGGGGACAGCGCCGAAGCTTTACCCCTGCCAGCTTTCTTGAGGA
 AGACATGGTGGACTTCCCTGATGAGTTGGATACATCTTTCTTTGCTCGGGAAGGTGTCTCCACGAGGAG
 ATGTCCACGTACCCAGATGAGGTGTTTGTAGTCCCATCAGAGGCAGCGCTCAAGGACTGGGAGAAAGCCC
 CGGATCAGGCCGACCTCACGGGTGGGGCCCTGGACCGCAGTGAGCTTGAGAGAAGCCACTTGATGTTGCC
 CCTGGAACGAGGCTGGAGAAAGCAGAAGGAAGGCGGCCCTTAGCCCCGAGCCCAAGGTGCGGCTTCGC
 CAGGAGGTGGTACAGCGCGGGGACCCAGGAGGGGTACAGCGTATCGCTGTGCCAGTGCGCAAACCTTTCTG
 CTCGGGAAAAGCGGCCTTATGGTCTGGGGATGGTGGGACGGCTCACCAACCGCACGTACCGGAAACGCAT
 CGACAGCTATGTCAAGCGGCAGATCGAGGACATGGATGATCACAGGCCCTTCTTCACTTACTGGCTCACC
 TTTGTGCACTCACTGGTCACTTCTGGCTGTGTGCATCTATGGCATAGCAGCCGCTGGGCTTCTCGCAGC
 ATGAGACGGTGGACTCGGTACTTCGGAAGCGGGTGTCTATGAGAATGTCAAATACGTCCAGCAGGAGAA
 CTCTGGATTGGCCAGCTCGGAGGCCCTCATTCACTTGGGTGCCAAGTTCTCACCCCTGCATGCGTGCAG
 GACCCACAGGTGCACAGCTTCATCTGGCTGCCGGGAGCGTGAAAAGCACTCGGCTTGCTGTGTACGCA
 ATGACCGGTCTGGTGTGTGCAGACTTCCAAGGAGGAGTCTCGTCCACGTTGGCGGTGTGGTGAAGTG
 GCCCGTTCATCTAGTGCCCGACCTTGCAGGCAACAAGAGACAGTTTGGTTCTGTCTGCCACCAGGAC
 CCCAGGGTATGTGACGAGCCTTCTCTGAGGATCCCCACGAGTGGCCAGAAGATATACCAAGTGGCCGA
 TCTGCACAAAAGCAGCGCGGGGAACCACTAACCACCCTCACATGGACTGTGCATAACAGGCCGGCC
 TTGCTGCATTGGACCAAGGGCAGGTGTGAGATCACCTCCGGGAGTACTGTGACTTCATGAGGGGCTAC
 TTCCATGAGGAGGCCACACTCTGCTCTCAGGTGCATGCATGGACGATGTCTGTGGCCTCCTGCCTTTCC
 TCAATCCTGAGGTGCCTGACCAGTCTACCGCCTGTGGCTGTCCCTCTTCTGCAGCTGGGATCCTGCA
 CTGCTTGGTGTCCATCTGCTTCCAGATGACGGTCTGCGGGACCTGGAGAAGCTGGCAGGCTGGCACCCG
 ATAGCCATCATCTACCTGCTGAGTGGTATCACGGCAATCTAGCCAGTGCCATCTTCTGCCATACCGGG
 CAGAGGTAGGTCCGGCCGGCTCCAGTTTGGCATCCTGGCCTGCCTCTTTGTGGAGTTGTTCCAGAGCTG
 GCAGATCCTGGCCGACCTGGCGTGCCTTCTCAAGCTCCTGGCCGTGGTGTCTTCTCTTTGCCCTT
 GGGCTGTGCCCTGGATCGACAACCTTCGCCACATCTCGGGCTTTGTGAGCGCCCTTCTCTTTCTTTG
 CCTTCTGCCTTACATCAGCTTTGGCAAGTTCGACCTGTACCGCAAGCGCTGCCAGATCATCATCTTCCA
 GGTGCTTCTCTGGCCCTGTGGCCGGCCTGGTGGTCTTCTACTTCTACCCGGTGCCTGTGAATGG
 TGCGAGTTCTCACCTGCATCCCTTTCAGGACAAGTTCTGTAAAAGTACGAGCTGGACGCTCAGCTCC
 ACTGAACCAAGCCGTGGACTCCCCAGGCCCGCCGCTCCAGGGCTGAACAGATGGGTGCTTCTGAGC
 ACTGACCTCTTGTGCTTGTGCTCGCTCCGGTGTGACGCTTACACTGCTGGGCAATTTAGTACATGAGTTCCC
 ATGATAACCTCCTAACTAGTCCCCGACAACCACCTCATGTGGTCAATAAATGGACTGGGAGCGTTTTAGC
 TGCCACTAACTCGAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_010117
Insert Size: 2571 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:	<ol style="list-style-type: none">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:	BC027346 , AAH27346
RefSeq Size:	2904 bp
RefSeq ORF:	2571 bp
Locus ID:	13650
UniProt ID:	Q6PIX5
Cytogenetics:	11 18.83 cM
Gene Summary:	<p>Regulates ADAM17 protease, a sheddase of the epidermal growth factor (EGF) receptor ligands and TNF, thereby plays a role in sleep, cell survival, proliferation, migration and inflammation. Does not exhibit any protease activity on its own.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>