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Product datasheet for MC228562

Rhbdf1 (NM_001291818) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rhbdf1 (NM_001291818) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rhbdf1
Synonyms:	C16ORF8; Dist; Dist1; Egfr-rs; mKIAA4242
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

>MC228562 representing NM_001291818
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAGCTTCCGGGCCGCTGCAGCATTGGTGAAGGGTCGGTCTATTAGGGATGGCACTTTACGAAGGGGAC
AGCGCCGAAGCTTTACCCCTGCCAGCTTTCTTGAGGAAGACATGGTGGACTTCCCTGATGAGTTGGATAC
ATCTTTCTTTGCTCGGGAAGGTGTCCTCCACGAGGAGATGTCCACGTACCCAGATGAGGTGTTTGAGTCC
CCATCAGAGGCAGCGCTCAAGGACTGGGAGAAAGCCCCGGATCAGGCCGACCTCACGGGTGGGGCCCTGG
ACCGCAGTGAGCTTGAGAGAAGCCACTTGATGTTGCCCCTGGAACGAGGCTGGAGAAAGCAGAAGGAAGG
CGGCCCTCTAGCCCCGCAGCCCAAGGTGCGGCTTCGCCAGGAGGTGGTCAGTGCGGCGGGACCCAGGAGG
GGTCAGCGTATCGCTGTGCCAGTGCGCAAACTCTTCGCTCGGGAAAAGCGGCCTTATGGTCTGGGGATGG
TGGGACGGCTCACCAACCGCACGTACCGGAAACGCATCGACAGCTATGTCAAGCGGCAGATCGAGGACAT
GGATGATCACAGGCCCTTCTTCACTTACTGGCTCACCTTTGTGCACTCACTGGTCACCATTCTGGCTGTG
TGCATCTATGGCATAGCGCCCGTGGGCTTCTCGCAGCATGAGACGGTGGACTCGGTACTTCGGAAGCGGG
GTGTCTATGAGAATGTCAAATACGTCCAGCAGGAGAACTTCTGGATTGGCCCCAGCTCGGAGGCCCTCAT
TCACTTGGGTGCCAAGTTCTCACCCTGCATGCGTCAGGACCCACAGGTGCACAGCTTCATCCTGGCTGCC
CGGGAGCGTGAAAAGCACTCGGCTTGCTGTGTACGCAATGATCGGTCTGGGTGTGTGCAGACTTCCAAGG
AGGAGTGCTCGTCCACGTTGGCGGTGTGGGTGAAGTGGCCCGTTCATCCTAGTGCCCCAGACCTTGCAGG
CAACAAGAGACAGTTTGGTTCTGTCTGCCACCAGGACCCCAGGGTATGTGACGAGCCTTCCTCTGAGGAT
CCCCACGAGTGGCCAGAAGATATCACCAAGTGGCCGATCTGCACCAAAAGCAGCGCGGGGAACCACACTA
ACCACCCTCACATGGATTGTGTCATAACAGGCCGGCCTTGCTGCATCGGCACCAAGGGCAGGTGTGAGAT
CACCTCCCGGGAGTACTGTGACTTCATGAGGGGCTACTTCCATGAGGAGGCCACACTCTGCTCTCAGGTG
CACTGCATGGACGATGTCTGTGGCCTCCTGCCTTTCCTCAATCCTGAGGTGCCTGACCAGTTCTACCGCC
TGTGGCTGTCCCTCTTCCTGCACGCTGGGATCCTGCACTGCTTGGTGTCCGTCTGCTTCCAGATGACGGT
CCTGCGGGACCTGGAGAAGCTGGCAGGCTGGCACCGCATAGCCATCATCTACCTGCTGAGTGGTATCACG
GGCAATCTAGCCAGTGCCATCTTCCTGCCATACCGGGCAGAGGTAGGTCCGGCCGGCTCCCAGTTTGGCA
TCCTGGCCTGCCTCTTTGTGGAGTTGTTCCAGAGCTGGCAGATCCTGGCCCGACCCTGGCGTGCCTTCTT
CAAGCTCCTGGCCGTGGTGCTCTTCCTCTTTGCCTTTGGGCTGCTGCCCTGGATCGACAACTTCGCCCAC
ATCTCGGGCTTTGTCAGCGGCCTCTTCCTTTCCTTTGCCTTCCTGCCTTACATCAGCTTTGGCAAGTTCG
ACCTGTACCGCAAGCGCTGCCAGATCATCATCTTCCAGGTCGTCTTCCTGGGCCTGCTGGCCGGCCTGGT
GGTCCTCTTCTACTTCTACCCGGTGCGCTGTGAATGGTGCGAGTTCCTCACCTGCATCCCTTTCACGGAC
AAGTTCTGTGAAAAGTACGAGCTGGACGCTCAGCTCCACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001291818

Insert Size: 1932 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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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_001291818.1, NP_001278747.1
RefSeq Size:	2836 bp
RefSeq ORF:	1932 bp
Locus ID:	13650
Cytogenetics:	11 18.83 cM
Gene Summary:	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] Transcript Variant: This variant (2) use an alternate splice junction at the 5' end of an exon and initiates translation at a downstream start codon compared to variant 1. The resulting isoform (2) is shorter at the N-terminus compared to isoform 1.

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