

Product datasheet for SC122961

RHBDF2 (NM_024599) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: RHBDF2 (NM_024599) Human Untagged Clone
Tag: Tag Free
Symbol: RHBDF2
Synonyms: iRhom2; RHBDL5; RHBDL6; TEC; TOC; TOCG
Mammalian Cell Selection: None
Vector: pCMV6-XL5
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_024599 edited
 GCCGCTCGCAGGCGCCGACGGAGTTGCGTCCCAGGGACTGGGGCCGACGGAGCTGTG
 AGTACCCAGGAAGCTGCACCGTGTGGCCTGGAGCTGTCTATCTGTCTCCAGCCACCTG
 TCTGTCCAGCCACCTTCCACAGACTGAGGCTTGACACCGGAGCATCTGTACAGAGCAAG
 GAGAAGACAAGAACATGTCTAAAGCCCTTACAGCAAGACCCAGGAAGCCGCGGCAAA
 CTCAGACTCGAAGCCCTCCCGCCTCCTGCCACAATGGCCTCTGCTGACAAGAATGGCGG
 GAGCGTGTCTGTGTCCAGCAGCCGCTGCAGAGCCGGAAGCCACCCAACCTCTCCAT
 CACCATCCCGCCACCCGAGAAAGAGACCCAGGCCCTGGCGAGCAGGACAGCATGCTGCC
 TGAGGGTTTTTCAAGATAGGAGGCTAAAGAAAAGCCAGCCAGGACCTGGGCTTACACAC
 CACCGCCTGCCCTCCCTCCTTCCCCAAGAGGAAGAACCAGCCTACTGAAGAGCGT
 CAGCCTCCAGGAGCCACGCAGCCGATGGCAGGAGAGTTTCAGAGAAGCGCCCTGGTTCCG
 CCGCCAGGCTCACTGTCCCAGAGCATCCGCAAGGGCGCAGCCAGTGGTTTGGAGTCAG
 CGGCGACTGGGAGGGGACGGCGCAGCAGTGGCAGCGCCGACGCTGCACCACTGCAGCAT
 GCGCTACGGCCGCTGAAGGCCTCGTGCCAGCGTGACCTGGAGCTCCCCAGCCAGGAGGC
 ACCGTCTTCCAGGGCACTGAGTCCCCAAAGCCCTGCAAGATGCCAAGATTGTGGATCC
 GCTGGCCCCGGGCGGGCCTTCCGCCACCCGAGGAGATGGACAGGCCCCACGCCCTGCA
 CCCACCGCTGACCCCGGAGTCTGTCCCTCACCTCCTTACCAGTGTCCGTTCTGGCTA
 CTCCCACCTGCCACGCCCAAGAGAATGTCTGTGGCCACATGAGCTTGAAGCTGCCCG
 TGCCCTCTCAAGGGGCGCTCGGTGCTGGATGCCACCGGACAGCGGTGCCGGTGGTCAA
 GCGCAGCTTTGCCTTCCGAGCTTCTTGAGGAGGATGTGGTTCGATGGGGCAGACACGTT
 TGACTCCTCTTTTTAGTAAGGAAGAAATGAGCTCCATGCCTGATGATGCTTTGAGTC
 CCCCCACTCTCTGCCAGCTACTCCGAGGGATCCCACTCAGCCTCCCTGTCTCCCC
 CGATGGGGTGCAAATCCCTCTGAAGGAGTATGGCCGAGCCCCAGTCCCCGGGCCCGGG
 CGGCAAGCGCATCGCTCCAAGGTGAAGCACTTTGCCTTTGATCGGAAGAAGCGGCACTA
 CGGCCTCGGCGTGGTGGGCAACTGGCTGAACCGCAGCTACCGCCGAGCATCAGCAGCAC
 TGTGCAGCGGCAGCTGGAGAGCTTCCAGAGCCACCGGCCCTACTTCACTACTGGCTGAC
 CTTGCTCCATGTCATCATCAGCTGCTGGTGATTTGCACGTATGGCATCGCACCCGTGGG



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CTTTGCCAGCACGTACCACCCAGCTGGTGTGCGGAACAAAGGTGTGTACGAGAGCGT
 GAAGTACATCCAGCAGGAGAACTTCTGGGTTGGCCCCAGCTCGATTGACCTGATCCACCT
 GGGGGCAAGTTCTCACCTGCATCCGGAAGGACGGGCAGATCGAGCAGCTGGTGTGCG
 CGAGCGAGACCTGGAGCGGGACTCAGGCTGCTGTGTCCAGAATGACCACTCCGGATGCAT
 CCAGACCCAGCGGAAGGACTGCTCGGAGACTTTGGCCACTTTTGTCAAGTGGCAGGATGA
 CACTGGGCCCCCATGGACAAGTCTGATCTGGCCAGAAGCGGACTTCGGGGGCTGTCTG
 CCACCAGGACCCAGGACCTGCGAGGAGCCAGCCTCCAGCGGTGCCACATCTGGCCCCGA
 TGACATCACTAAGTGGCCGATCTGCACAGAGCAGGCCAGGAGCAACCACACAGGCTTCT
 GCACATGGACTGCGAGATCAAGGGCCGCCCTGCTGCATCGGCACCAAGGGCAGCTGTGA
 GATCACCACCCGGGAATACTGTGAGTTCATGCACGGCTATTTCCATGAGGAAGCAACACT
 CTGCTCCAGGTGCACTGCTTGGACAAGGTGTGTGGGCTGCTGCCCTTCTCAACCCTGA
 GGTCCCAGATCAGTTCTACAGGCTCTGGCTGTCTCTTCTACATGCTGGCGTGGTGCA
 CTGCCCTGTGTGTGGTCTTTCAAATGACCATCTGAGGGACCTGGAGAAGCTGGCCGG
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 CTACATCACCTTCGGCACAGCGACAAGTACCGCAAGCGGGCACTCATCTGGTGTCACT
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 CTGGCCCTGGATCGAGCACCTCACCTGCTTCCCCTTACCAGCCGCTTCTGCGAGAAGTA
 TGAGCTGGACCAGGTGCTGCACTGACCGCTGGCCACACGGCTGCCCTCAGCCCTGCTG
 GAACAGGGTCTGCCTGCGAGGGCTGCCCTGTCAGAGCGCTCTCTGTGTGCCAGAGAGC
 AGAGACCCAAGACAGGGCCCGGGCTCTGACCTGGGTGCCCCCTGCCAGGCGAGGCTGA
 CTCGCGTGAGATGGTTGGTTAAGGCGGGTTTTTCTGGGGCTGAGGCCTGTGAGATCC
 TGACCCAAGCTCAGGCACACCCAAGGCACCTGCCTCTCTGAGTCTTGGGTCTCAGTTCT
 AATATCCCGCTCCTTGTGAGACCATCTCCTGGGGCAGGGTCTTTTCTTCCAGGTCT
 CAGCGCTGCCTGCTGGTGCCTTCTCCCCACTACTACTGGAGCGTGCCTTGTGGGG
 ACGTGGCTGTGCCCTCAGTTGCCCCAGGGCTGGGTGCCACCATGCCCTTCTCTTTT
 TCCTCCTACCTCTGCCCTGTGAGCCATCCATAAGGCTCTCAGATGGGACATTGTGGAA
 AGGCTTTGGCCATGGTCTGGGGCAGAGAACAAGGGGGAGACACAAGTAGACCTCAGGT
 AGAACGCACTGGGCGGAGCCACCCAGGGCCTGCTCCCAGGGAGTGTGAGGGCCATC
 AGGCCCGTTTTTTACCAGTTTATACACGGTCTTCATTTTTAAAGTAACGCTAAGTTT
 TAGGGACGATGTCTATGGATTAATAATATTCTTTATGGCAAAAAAAAAAAAAA

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_024599 unedited
 TTTTNGGGACCTTGATTTGTAATACGACTTTACTATAGGGCGGCGGATTCCCGGGAT
 ATCGTCGACCCACGCGTCCGGCCGCTCGCAGGCGCCGACGGAGTTGCGTCCCGGGGACT
 TGGGGCCGAGGAGCTGTGAGTACCCAGGAAGCTGCACCGTGTGGCCTGGAGCTGTCTA
 TCTGTCTTCCAGCCACCTGTCTGTCCAGCCACCTTCCACAGACTGAGGCTTGACACCG
 GAGCATCTGTACAGAGCAAGGAGAAGACAAGAACATGCTCTAAAGCCCTTACAGCAAGA
 CCCAGGAAGCCGCGGGAACACTCAGACTCGAAGCCCTCCCGCCTCCTGCCACAATGGCC
 TCTGTGACAAGAATGGCGGGAGCGTGTCTCTGTGTCCAGCAGCCGCTGCAGAGCCGG
 AAGCCACCAACCTCTCCATCACCATCCCGCCACCCGAGAAAGAGACCCAGGCCCTGGC
 GAGCAGGACAGCATGCTGCCTGAGGGTTTTTCAAGTGGAGGCTAAAGAAAAGCCAGCCC
 AGGACCTGNGCTTACACACCACCGCTGCCCTCCCTCCTTCTCCCCAAGAGGAAGAAC
 CCAGCCTACTTGAAGAGGTCAGCCTCCAGGAGCCACGCAGCCGATGGCAGGAGAGTTCA
 GAGAAGCGCCCTGGCTTCCGCCCGCAGGCTCACTGTCCAGAGCATCCGCAAGGGCGCA
 GCCCAGTGGTTTGGAGTCAGCGGCGACTGGGAGGGGGCAGCGCAGCAGTGGCAGCGCCGC
 AGCCTGCACCACTGCAGCATGCGCTACGGCCGCTGAAGGCCCTGTGCCAGCGTGACCTG
 GAGCTCCNAGCCAGGAGGACCGTCTTCCAGGCACTGAGTCCCAAGCCCTGCAGATG

Restriction Sites:

Please inquire

ACCN:	NM_024599
Insert Size:	3596 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:	NM_024599.2 , NP_078875.2
RefSeq Size:	3596 bp
RefSeq ORF:	2571 bp
Locus ID:	79651
UniProt ID:	Q6PJF5
Cytogenetics:	17q25.1
Protein Families:	Protease, Transmembrane
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>