

Product datasheet for **SC311174**

RHBDD2 (NM_001040456) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RHBDD2 (NM_001040456) Human Untagged Clone
Tag:	Tag Free
Symbol:	RHBDD2
Synonyms:	NPD007; RHBDL7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_001040456 edited
 ATGGCGGCTCGGGCCCGGGTGTGCGAGCTGGTGTGTTGTGCCGAGGTGCCATCCGCC
 ACCTTCTCACTGCGCTGCTCTCGTGCTGGTTTCCGGGCTCGCTGTTCTGTGCTGCAG
 CAGCCCCGCGCCCTCGGGCCTCACGCTGAAGTCCGAGGCCCTTCGCAACTGGCAAGTT
 TACAGGCTGGTAACTACATCTTTGTCTACGAGAATCCCATCTCCCTGCCCTGCGGCGCT
 ATCATCATCTGGCGCTTTGCTGGCAATTCGAGAGAACCGTGGGACCGTCCGCCACTGC
 TTCTTACCCTGATCTTCGCCATCTTCTCCGCTATCATCTTCTGTCAATTCGAGGCTGTG
 TCATCACTGTCAAAGCTGGGGAAAGTGGAGGATGCCAGAGGTTTACCCCAAGTGGCCTTT
 GCCATGCTGGGAGTACCACCGTCCGTTCTCGGATGAGGCGGGCCCTGGTGTGGCATG
 GTTGTGCCCTCAGTCTGGTTCCGTGGCTCCTGCTGGGTGCCTCGTGGCTATTCCCCAG
 ACCTCTTCTCAGTAATGTCTGCGGGCTGTCCATCGGGCTGGCCTATGGCCTCACCTAC
 TGCTATTCATCGACCTCTCAGAGCGAGTGGCGCTGAAGCTCGATCAGACCTTCCCTTC
 AGCCTGATGAGGAGGATATCCGTGTTCAAGTACGTCTCAGGGTCTTACCCGAGAGGAGG
 GCAGCCCAGAGCCGAAACTGAACCCGGTGCCTGGCTCCTACCCACACAGAGTGCCAC
 CCTCACCTGTCCCAAGCCACCTGTGTCCAGACGCAGCACGCCAGTGGTCCAGAAAGCTG
 GCCTCCTGGCCCTCCTGCACCCCGGGCACATGCCACCTTGCCTCCGTACCAGCCTGCC
 TCCGGCCTGTGCTATGTGCAGAACCCTTTGGTCCAAACCCACCTCCTCCAGTGTCTAC
 CCAGCTTCTGCGGGCACCTCCCTGGGCATCCAGCCCCACGCCCTGTGAACAGCCCTGGC
 ACGGTGATTCTGGGGCCTTGGGCACACCAGGGGCTGCAGGCTCCAAGGAGTCTCCAGG
 GTCCCCATGCCCTGA

Restriction Sites:	Please inquire
ACCN:	NM_001040456
Insert Size:	1100 bp



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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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_001040456.1</u> , <u>NP_001035546.1</u>
RefSeq Size:	1756 bp
RefSeq ORF:	1095 bp
Locus ID:	57414
UniProt ID:	<u>Q6NTF9</u>
Cytogenetics:	7q11.23
Protein Families:	Transmembrane
Gene Summary:	<p>The protein encoded by this gene is a member of the rhomboid family of membrane-bound proteases and is overexpressed in some breast cancers. Members of this family are involved in intramembrane proteolysis. In mouse, the orthologous protein associates with the Golgi body. [provided by RefSeq, Sep 2016]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (a). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>