

Product datasheet for SC306007

RHBL3 (RHBDL3) (NM_138328) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RHBL3 (RHBDL3) (NM_138328) Human Untagged Clone
Tag:	Tag Free
Symbol:	RHBL3
Synonyms:	RHBDL4; VRHO
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC306007 representing NM_138328. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTGTAGTAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**
 ATGGGCGAGCACCCAGCCCGGGCCCGCGGTGGCCGCCTGCGCCGAGGCGGAGCGCATCGAGGAGCTG
 GAACCCGAGGCGGAGGAGCGGCTGCCCGCGCGCCGAGGACCACTGGAAAGTCTGTTTGTATCAGTTT
 GACCCTGGGAACACAGGCTACATTAGCACAGGCAAGTTCCGGAGTCTTCTGGAGAGCCACAGCTCCAAG
 CTGGACCCGCACAAAAGGGAGGTCCTCTGGCTCTTGCCGACAGCCACGCGGATGGGCAGATCGGCTAC
 CAGGATTTTGTACGCTAATGAGCAACAAGCGTTCCAACAGCTTCCGCCAAGCCATCCTGCAGGGCAAC
 CGCAGGCTAAGCAGCAAGGCCCTGCTGGAGGAGAAGGGGCTGAGCCTCTCGCAGCGACTTATCCGCCAT
 GTGGCCTATGAGACCCTGCCCGGGAAATTGACCGCAAGTGGTACTATGACAGCTACACCTGCTGCCCC
 CCACCCTGGTTTCATGATCACAGTCACGCTGCTGGAGGTTGCCTTTTCTCTACAATGGGGTGCTACTA
 GGTCAATTTGACTGCAGGTAACATCCACGTTACTTGAAGAACTCCCTGGTTTACCACCCACAGCTG
 CGAGCACAGGTTTGGCGCTACCTGACATACATCTTCATGCATGCAGGGATAGAACACCTGGGACTCAAT
 GTGGTGTGTCAGCTGCTGGTGGGGTGCCCTGGAGATGGTGCATGGAGCCACCGAATTGGGCTTGTC
 TACGTGGCCGGTGTGTGGCAGGGTCCTTGGCAGTGTCTGTGGCTGACATGACCGCTCCAGTCTGGGC
 TCTTCTGGAGGGGTGTATGCTCTCGTCTCTGCCCATCTGGCCAACTTGTATGAAGTGGTCAGGCATG
 AAGTGCCAGTTCAAGCTGCTGCGGATGGCTGTGGCCCTTATCTGTATGAGCATGGAGTTTGGGCGGGCC
 GTGTGGCTCCGCTTCCACCCGTCGGCTATCCCCGTGCCCTCACCCAAGCTTTGTGGCGCACTTGGGT
 GGCGTGGCCGTGGGCATCACCTGGGCGTGGTGGTCTGAGGAACACGAGCAGAGGCTCCAGGACCAG
 TCACTGTGGTGGATTTTGTGGCATGTACACCGTCTTCGTGCTGTTCTGCTGCTTCTGGAACATCTTT
 GCCTACACCCTGCTGGACTTAAGCTGCCGCTCCCCC**TGA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites: SgfI-MluI


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ACCN:	NM_138328
Insert Size:	1215 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:	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:	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_138328.2</u>
RefSeq Size:	4688 bp
RefSeq ORF:	1215 bp
Locus ID:	162494
UniProt ID:	<u>P58872</u>
Cytogenetics:	17q11.2
Protein Families:	Transmembrane
MW:	45.2 kDa
Gene Summary:	May be involved in regulated intramembrane proteolysis and the subsequent release of functional polypeptides from their membrane anchors.[UniProtKB/Swiss-Prot Function]