

## Product datasheet for **SC206249**

### RMND5B (NM\_022762) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	RMND5B (NM_022762) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	RMND5B
Synonyms:	GID2; GID2B
ACCN:	NM_022762
Insert Size:	2000 bp



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**Insert Sequence:**

>SC206249 3'UTR clone of NM\_022762

The sequence shown below is from the reference sequence of NM\_022762. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCGGCAGATGGGAAACGCATCATATTCGATTTCCTACCTGGAAGGAATTTTGTGAAAGGGTTTTTAC
CTGTGAGCCTTGGTCTGTCTCGGTAGGGTGGTCAACTTCACTGGACTGTGGTTGGTTTCAGAGCGCCTG
GCTGAGGAGTTCCACTGAGGGGAGCACTGGAGCAGCCCTTTGGCAGAGGCTGAGGAGGGAGATGGACCA
GCCACGCCTGGCACCTGGCTCCATGGCATAAGGAAAGGGAGATGCTGGCCTCTGTGCTCTGTGTCT
TTTCTGTTTCTGTTTTCGTTTGTACTTAGTAGCAACCGACAGAGTGGCAAGGGATTTGGTCTTCAGCAG
TAGACATCCTTCCACCCCTGCCCTCAGCCAAGTCTTGTGCTCCATGCCAATGCTATGTCCACCCTTGC
CCCTCGGCCCAAGAGTGTCCAGCGGTGGCCACCTCTTCTCCACTACAGCCTCAACAGTATGTACCA
TCTCCACTGTAAATAGTCCCAGTTAGAACGGAATGCCGTTGTTTTATAACTTTGAACAAATGTATTTA
CTGCCCTTCTATTTCTCCTGGCCAACCTTAGCCTCACTGACAAATTATGACCACATGTCTACCACAC
ACAGGGACTGGGCACGGCCTGGTGGCTGCCGCAACAAAAACATGGCCAGCAGGTATCCAGTGTCCAGG
CAGGAAGAACACAACCTTGCATCCCTGACTGCGGGGAGCTTAGATGTGACACCCCGGGCAAGGTGCTTTT
ACATATACCCATACCAGATCTTACTAATCCATAGGAGAAATCCGTGTAATGGGATTCAGGAAAATGAA
GTAAGTTGCACAACAGGGCTCACAGCTTAGAAAGGAGAGAGCTTGGAGTTTTAACAGATCTGACCCCTC
AAGCCCAAGCTATTTCCAGTTTATTCAGGGTGCCTGAACTTGGCTGTTATGTAATACTGAGTCTGTGC
AGGGCCTCTGACAGCAGGAAGGGGCCCAAGTCTAAAATACTTGAAGGGATTGGGTTACTAGGGCCATT
ATGTTAAGCAAGAGAGCTCGGGGAATGCATTTAGCTTCATATTCCTATTTAAAATGTGCTGTGTGGG
TGGGTAATTTGCTTCCATAAGCTTACAGTGGCATTAAAGGCTCCTGGGTTAAGTTAGGAATGGGGGTG
TTCTGATGTGGGGCTTTAGGCTTCCATGAAGTGGGTCTGGGCCCTGCCTTACCTCACAGCCCCCA
TCTACCCTGGAAGAGGGAGTTGAAAATGCTGGGATAGCAGCAGGATCAGTTCTCAGCTTGAAGCAAAAGC
ACCCGGCCTGGGCAGCTGAGCATCAGCACAGAACCTCTGAGTCTTTGGGCTCTCTGTGAGGAAGA
CTGCTTCACTCTTCCGCCACCAACTCGCTGGCCCAACCAGCAGCTGCTGCTTAAGAAAACACCCACA
GACTCACACATTTTAGTCTTAGCATTTACTTTCCCCACCCACATTCTTGAACAGCCTTTAGTTCTA
CAGGAAATGGCACTGATGGACAGAAGACTAGCATTACCTTCATGAAAGGGCTGTTAGAGTGCCTGGGA
AGAAGGCTGCTTGGGGAAGTGGGAAGATGCCGTGAGTGGGTGGCAGGAGGACAGCCAGTCTGTC
TGCTGCCAGCCCAATAGCTTCCAGCGGCAGGTGCCAGGTGCTACCGGAGCCCTCATAGGGGTAGGGG
CAGGGACTGCACCTCCTCAGGCACTCATCGTAAGCCTCCTGGTACTCCTCATGGGGCTTGACCATTAT
CACACAGGTGGGGCGCTTGGAGCCTGCGGCTGCCACCCAGGTCTACAGAGGGGAAAGAAGTGTGTTTG
GAAAAAGCTGTACAACCTGTATGCCAGGAAGTCAACCACTGATGACCCACCAGCCTAATCTGGCCAC
AACCATGTTCTGTTCCGTCCATGTTCTATTTAAAAGCATCTTGAATTGGTTGCCATCATTTAAACTCA
ACGCGTAAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:**

Sgfl-Mlul

**OTI Disclaimer:**

Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

**Components:**

The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:**

[NM\\_022762.5](#)

**Summary:**

Core component of the CTLH E3 ubiquitin-protein ligase complex that selectively accepts ubiquitin from UBE2H and mediates ubiquitination and subsequent proteasomal degradation of the transcription factor HBP1. MAEA and RMND5A are both required for catalytic activity of the CTLH E3 ubiquitin-protein ligase complex (PubMed:29911972). Catalytic activity of the complex is required for normal cell proliferation (PubMed:29911972). The CTLH E3 ubiquitin-protein ligase complex is not required for the degradation of enzymes involved in gluconeogenesis, such as FBP1 (PubMed:29911972).[UniProtKB/Swiss-Prot Function]

**Locus ID:**

64777

**MW:**

73.9