

Product datasheet for **SC214234**

RPH3AL (NM_006987) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	RPH3AL (NM_006987) Human 3' UTR Clone
Symbol:	RPH3AL
Synonyms:	NOC2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_006987
Insert Size:	1493 bp



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Insert Sequence: >SC214234 3'UTR clone of NM_006987
The sequence shown below is from the reference sequence of NM_006987. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCAGCAGGCCCTCCAGCTGCCTGGGCAGGTGTCTGGTGCCTGGAACAGACTTCCCTGTGGAGGATT
CCTGCCAGACCCTGCCCGCTCCTCCCTGACCGGTCTTGTGCCCTACCAGACACCCTGTTGGCCATG
ACTCAACAAACAGTGTGGGAGCGTCTGCCTCCCGAGCTCAGTGCCTTCTGCACCCCTTCTCTCCT
GGGGAGCTGTCTGCATCCGCCACCCCTCCAACCACTGCCCTCAGCCCCGACCTATTTATTACCTC
CCCTCCACACCCCAATCTACCTGGTGATGATTTTAAGTTTGCAGGTGTCTTGGGTTGGGCTGGGGG
TTTCCACATGCAGTGTGAGAGGGCGCCCGGTGGGCTATCTCCGTTGCTATATTAATGGCAAGACT
AAATGAAACCTAGGGCAGGCCTCCGAAGCTGCGTGTGGCCCTTAGAGGTGAGCATCAGAGCCAGAGC
AGTGAGGGGAGACTCACCCACCCTCTCCCTCTCCCTCAGCTCTGGGAGGCAGGCGCAGTGCCCCCT
CCCATGGGCTGGCCAGGACCGTGGGTGAAACCTGGGTCTGTTTAGTTTCTTTGGTTTTGTATGTTTG
TTGTTTTTGACACAGTCTCGCTTTGTTGCCAGGCTGGGTGCACTGGCAGCATCGCGGCTCACTGCA
ACCTCCACCTCCCGGGCTCAAGCGATTCTCTACCTCAGCCTCCTGAGTAGGTGGGATTACAGATGCCC
GCCACCACCCAGTTAATTTTTGTATTTTAGAAGAGATGGGGTTTCTCCATGTTGGCCAGGCTGGTC
TTGAACTCCTGGTCTCAAGTGATCTGCCCGCTCGGCCTCCCAAGTGCTGGGATTACAGGTGTGAGCC
ACCGCACCCAATCCTATTAGGTTTCTTTGAATCCCTCATGGCCTGCCTGGTTTTGCTCAGCCTGTCT
TCAGCTTGAGGAGCTGGGAAGCTCTGGTGGATGCTATGAATCACTTGTGAAGAGCAGCGTTACAGTG
CATCCCCAGCCAGGGCAGTGGCTCCCTCAGCCATGAATTCATTCTCTCAGGAGGTTTGCTTGGCA
TGAAAATACTTCAATTCAGAGTATGGGCAATGCTTCTGGAAAACCTTCCCTGAAGAGAGAGAAGCTGT
GTGTGTGTGTCGGTGATCACACCCTCCATCCTTCTGCCTCCTGCCCAAAACCCGGGTTCTGGGTC
TGGAAGGGCCTTCTCTCAAGCTGGGAGCTCCTGGGCCCCACCATTCACTTTTTGTCTTGCTGCTGG
CAAACAGTAAAGAACTCACTTTCCCTGTGGCAGTTATGCTTCAGAATTAACAATGAAGATTAATA
TTTGCACCGAGCCAGTGTGTGATCGAAGACCAGATTGCCTGTGTTTCTGAGATGCGTCCATGGAAAA
ATGGAATAAACTGTGGTGCCTTACTTGTGGAACCTTCCTAA
ACGCGTAAGCGGCCGCGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

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_006987.4](#)

Summary: The protein encoded by this gene plays a direct regulatory role in calcium-ion-dependent exocytosis in both endocrine and exocrine cells and plays a key role in insulin secretion by pancreatic cells. This gene is likely a tumor suppressor. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Jun 2010]

Locus ID: 9501

MW: 54.5