

Product datasheet for **SC206811**

RAB13 (NM_002870) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: RAB13 (NM_002870) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: RAB13
Synonyms: GIG4
ACCN: NM_002870
Insert Size: 479 bp
Insert Sequence: >SC206811 3'UTR clone of NM_002870
The sequence shown below is from the reference sequence of NM_002870. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAGAACACCAACAAGTGCTCCCTGGGCTGAGGACCCTTTCTTGCCTCCCCACCCCGGAAGCTGAACCTG
AGGGAGACAACGGCAGAGGGGAGTGAGCAGGGGAGAAATAGCAGAGGGGCTTGGAGGGTCACATAGGTAG
ATGGTAAAGAGAATGAGGAGAAAAAGGAGAAAAGGGAAAAAGCAGAAAGGAAAAAAGGAAGAGAGAGGA
AGGGAGAAGGGAGAGGAATGAATTGAGGAAGTGAAGAAGGCAAGGAGGTAGGAAGAGAGGGAGGAGGA
AAGGAAGGAGAGATGCCTCAGGCTTACAGACCTTACCTGGGTTTTAGGGCAAACATAAATGTAAATACA
CTGATTTATTCTGTTACTAGATCAGGTTTTAGGGTCTGCAAAAGGCTAGCTCGGCACTACACTAGGGA
ATTTGCTCCTGTTCTGCACTTGTGATGGTCTTTCTTGGTATTAAGGCCACCATTTGCACAAAT
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
```

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_002870.5](#)



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Summary:

This gene is a member of the Rab family of small G proteins and plays a role in regulating membrane trafficking between trans-Golgi network (TGN) and recycling endosomes (RE). The encoded protein is involved in the assembly of tight junctions, which are components of the apical junctional complex (AJC) of epithelial cells. The AJC plays a role in forming a barrier between luminal contents and the underlying tissue. Additional functions associated with the protein include endocytic recycling of occludin, regulation of epithelial cell scattering, neuronal regeneration and regulation of neurite outgrowth. Alternately spliced transcript variants have been observed for this gene. A pseudogene associated with this gene is located on chromosome 12. [provided by RefSeq, Jan 2013]

Locus ID:

5872

MW:

17.7