

## Product datasheet for **SC216999**

### **RAB27A (NM\_004580) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	RAB27A (NM_004580) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	RAB27A
Synonyms:	GS2; HsT18676; RAB27; RAM
ACCN:	NM_004580
Insert Size:	2000 bp



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**Insert Sequence:** >SC216999 3'UTR clone of NM\_004580  
 The sequence shown below is from the reference sequence of NM\_004580. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
GAAAAGGAGAAAAGGGCATGTGGCTGTGAGAAGTCAAGTAAAGCGACATAGTAGTTCAGGTGGCCCATG
CCTGGGATCTTCTCTATGATTGATACATGGCACAGTGAGAGATTAAATGGGCATTGTGTACAAATTGCTT
CTCACCATCCCCATTAGACCTACGAATAAAGCATCCGGTTCTAAAATTAATTTGTTGCAGCTTTGTAAA
TATTTCTTTAAGATTCAGCCTGAGAGTTAGGAGAAATATTTAGAGCCAAAAGTGCCTTATACAACCTT
AGCCTATTATAGTAAATCATTCAAGGATTCAGAATTTTGCAGTCACAGAAGAGTGTATTTATTATGTAG
AATGAATGAGGGTACTGTCACCTGCCTTAATGTAGGTAGGCCAGAGTCTTACATTTAAGATCTTACAT
GCAGTTATAAAACCGCCACAGTCTTCAATCCAGATTTGAAAGACTCATGCCATAGGTGACATTCTAAAAT
ACCATTAAGCCACTTAAATGTTAAATAAGAATATACATGCACATCAGCTCAATGCTTTTGAGTATTAA
TTTTATGTAAGCATTCTATTTAACATGAATATAGGACAAAATCATGGCTATATCTATAGACCTTGGATAA
ACTGGATTGACCAATTATACACTCACGGTGACTTTTTTTATTGGTGGGAAGGGGATTGGGGTGGGGCAGG
CTGGCTTAATGTAATATGAGCAACCAAAGTGGGACTTCTGTCTCCCCGCTATATTTCCATTGCTCTGAA
TGTTGATTGAAGGGTCAGGGAAGTATGTTTATGGCTTTAGTTCAGTGTGATTGTACATTTATACTTG
GCCTATGTGCTGGCCGCACCTGAACATAGCTGGTGCTTATGCCGAGTTATTTGCGATGAGTAAATATTT
AGTTTCTTTTTCTTCATATTTATAATGTTGATCTGGCATCCTCAGGCTGCAGCTTTATTAGCTTATAAC
TTACTCATCTCTATCTTTACCAGCAGGCTCTGTATTGTTGATATTTGCAACTTGTTTTGCCTTTCCATT
GGTGAATTGAAATAATTAGTTTTTAATTACATAAGATGCCTGTTTGCTATTTGGTGGGAAGATAGATGT
TCATATTGAAGCAGTCACATTTGACTGTAGTTCAATAAAAAGAAAAATGAAGTATTCTGTAGCCTATAT
TTTTCATAGAGCTCATGAGCATTACTGTACTTGTGGTCTTGCCAAGATCATTATTCCGCTGCATT
GCCAAAGTGCTTCATACCAAATTAAGGTGGTTTTAATATATGTTTCATGGAAGTTGTTTATAAAATT
CAAAGGATTTTCATTTAGGTGAAAAGTCTTATTTATTAAGTGGTTTGAATAAAGTAGATCAAAACTTC
CAGAGATCTTAATGGCTATATAGGAAGAAATCACTCACCATAATTTAAATAAAGAATAAAAACTT
GTATTTTGTGGTGGCAAATGTTTGGTAGAACTGTAATTAGAAAAATACAAGTATATTTGCGTGATGGTT
ACACTAGAAGCCAGACTTTACGACTACACAATATATTCATGTATCTAACTGTACTTGTACCCCTAA
ATTTATTTTTAAAAAGGAAAAATAAAAGTATCATGAAAAACCTATTTTTTTTCCACTGCTCTCCA
CTACTCCATAACAAACTTATCCATGGTTGGTAAAATTTTACATATTTCTATCCTTGAAATGAAGGCTT
CTTTTAAATTCCAAAGAAGTCATGGAGGCTGTGCATTTGAATTGTATATGCTAGTGAGGAAAAGATTT
AGACATTTCAAGAGCAGGGTTGGCCAGGCGCGGTGGCTCACACCTGTAATCCCAGCACTTTGGGAGGCC
GAGGAGGGCGGATCACGAGGTCAGGAGATCGAGACCATCCTGGCTAACACAGTGAACCCCATCTCTAC
TAAAAAAGGAAAAAAGGAAAAAAGGAAAAAAGGAAAAAAGGAAAAAAGGAAAAAAGGAAAAAAGGAAAA
ACGCGTAAAGCGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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\\_004580.5](#)

**Summary:** The protein encoded by this gene belongs to the small GTPase superfamily, Rab family. The protein is membrane-bound and may be involved in protein transport and small GTPase mediated signal transduction. Mutations in this gene are associated with Griscelli syndrome type 2. Alternative splicing occurs at this locus and four transcript variants encoding the same protein have been identified. [provided by RefSeq, Jul 2008]

**Locus ID:** 5873

**MW:** 76.9