

## Product datasheet for **SC209501**

### **RAB30 (NM\_014488) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	RAB30 (NM_014488) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	RAB30
ACCN:	NM_014488
Insert Size:	2000 bp



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**Insert Sequence:** >SC209501 3'UTR clone of NM\_014488  
 The sequence shown below is from the reference sequence of NM\_014488. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AGCTATTTGACTTGTGTAAATTTCAACTAAAGGCTGAGGCACGGAGAAGAAAAGGAATCAGCAACTGCC
CTGATGGGCCATGAGATGCTGGGAGATCTGGCGATGACTGTGGCTCCCGCTCTCTGACCTTCTGACTC
CTGTGGGCTCCTGAGCTTACAAAGCATGGCAGGCCAAGGGCTCGACCACAGGCCAGCATTAGCAGAAC
ATATAATGGTTTCACCTTTTCCAGTCTGGAGTTGGAGCAAGGAGAAAATTGCACTAGGCACTCCATGA
TCTGCAGAGCATGTTGCTTTTGTTTTTTAAAAAGCAAGTAAAAGCGCATTCTTAAACAGAGTCCGGGG
GGAAATGTACTGTAGGGATCCCTCCTGCACATCAGTGGTGCATGTGGAACTCTCTTTAGGGCTTCG
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GTCTCTGTGGTGGTATTGACGACCCCATGGAGATTTTAAAAGTGTATTCTCTTGTCCACAGGCAC
TTTCAAGAACTTTGGGATGTAAAAATGAAATGAAACCTTTACCCATGACCAACAGTAACAATCATTGTT
TTAATAATATATACAAGCTCCATAACTCCTTTTGGTGCTAATGATTCCGCTATTTTACAGACCAAACGT
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CAGAGCACAGTCTTGATAGTAGTACATCTTTTACTTCTGGTACTCTCCATCTTGGACAGACCAAG
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TTTTTATATCTTCGATGATAACCTTAGAAAAATTCTGCTCGTGGAAAGCAGATTGAACTGTATTTATCC
CCTCCTCTTGAATAATGTTACCTCAGACGCTTAACCATATGTTCTTTCTTTTTCTTTCTCTTTTC
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TGCCTGTGTTACTGCAAATCTCCAATCAATGGAGGTGTATATGCCTTTACTTAGCCAATTTAAAAAC
AGGACTCAAAATGGGAGATGTGCTGCTGAATATGTGTTTCTTTTTCTTCTCAGTGCCATACTTTGATAGCT
TCCAATTTGTTCACTGATATAAATGCAAATGGGAAAATAATTAACCTGTATGCTGTTGATGCTGTCA
GATGTTTCTGTAGCTTGTGCTTAGCATAACTGAGGGATGAGTAATGGAATAAGGATATGATGTGTAAT
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AAGAAATAGTCATGTAGAGACATGATGTGGATAAAGCATTCTGCGCATTCTCTAGCAGTTCTAGAT
TGACCAGTGTCTTGCACATGAGATTATGCATATTTTTTAAAGGGGCTGATACTTTTGGTTGGCCCTACTG
TGTTTTTCTGATCCTGTGGGAAAGAGAAAGGCATCCCAGAAAGTTTGACTTGTTTTTCTTTTAGAATCT
GTCTCTGCAGGAAAGAAAAGTCATTTTAAATAAAAAACAAAATAATTTATAATAATTGTTGCCCTTTCCC
ACGCGTAAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCCTTCTATGAAAGG
  
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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\\_014488.5](#)

**Summary:** The small GTPases Rab are key regulators of intracellular membrane trafficking, from the formation of transport vesicles to their fusion with membranes. Rabs cycle between an inactive GDP-bound form and an active GTP-bound form that is able to recruit to membranes different set of downstream effectors directly responsible for vesicle formation, movement, tethering and fusion (By similarity). Required for maintaining the structural integrity of the Golgi apparatus, possibly by mediating interactions with cytoplasmic scaffolding proteins. [UniProtKB/Swiss-Prot Function]

**Locus ID:** 27314

**MW:** 76