

## Product datasheet for **SC330387**

### **RAB34 (NM\_001256276) Human Untagged Clone**

#### Product data:

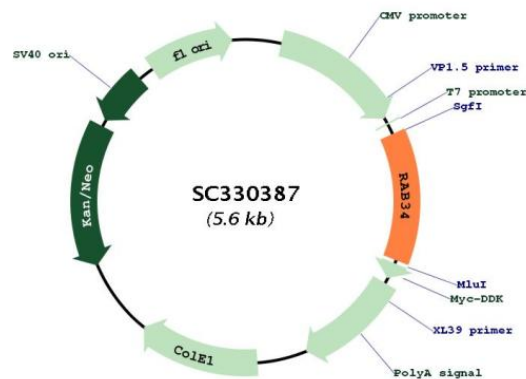
**Product Type:** Expression Plasmids  
**Product Name:** RAB34 (NM\_001256276) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** RAB34  
**Synonyms:** NARR; RAB39; RAH  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC330387 representing NM\_001256276.  
**Blue**=Insert sequence **Red**=Cloning site **Green**=Tag(s)

```
ATGAACATTCTGGCACCCGTGCGGAGGGATCGCGTCCTGGCGGAGCTGCCCCAGTGCCTGAGGAAGGAG
GCCGCTTTCACGGGCACAAAGACTTCCACCCCGCGTCACCTGCGCCTGCCAGGAGCACCGGACAGGC
ACCGTGGGGTTCTGCAAAGACACCTTTGATAAGAATTACAAGGCCACCATTGGAGTGGACTTCGAGATG
GAACGATTTGAGGTGCTGGGCATTCCCTTCAGTTTGCAGCTTTGGGATACCGCTGGGCAGGAGAGGTTT
AAATGCATTGCATCAACCTACTATAGAGGAGCTCAAGCCATCATCATTGTCTTCAACCTGAATGATGTG
GCATCTCTGGAACATACCAAGCAGTGGCTGGCCGATGCCCTGAAGGAGAATGACCCTTCCAGTGTGCTT
CTCTTCTGTAGTTCCAAGAAGGATCTGAGTACCCCTGCTCAGTATGCGCTGATGGAGAAAGACGCC
CTCCAGGTGGCCAGGAGATGAAGGCTGAGTACTGGGCAGTCTCATCTCTCACTGGTGAATGTCCGA
GAATTCTTCTCCGTGTGGCAGCACTGACCTTTGAGGCCAATGTGCTGGCTGAGCTGGAGAAATCGGGG
GCTCGACGCATTGGGGATGTTGTCCGCATCAACAGTGTGACAGCAACCTTACCTAACTGCCAGCAAG
AAGAAGCCACATGTTGCCCATGA
```

**Restriction Sites:** Sgfl-Mlul



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**Plasmid Map:**


**ACCN:** NM\_001256276

**Insert Size:** 714 bp

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

**Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

**RefSeq:** [NM\\_001256276.1](#)

**RefSeq Size:** 1401 bp

**RefSeq ORF:** 714 bp

**Locus ID:** 83871

**UniProt ID:** [Q9BZG1](#)

**Cytogenetics:** 17q11.2

**Protein Families:** Druggable Genome

**MW:** 26.7 kDa

**Gene Summary:** This gene encodes a protein belonging to the RAB family of proteins, which are small GTPases involved in protein transport. This family member is a Golgi-bound member of the secretory pathway that is involved in the repositioning of lysosomes and the activation of macropinocytosis. Alternative splicing of this gene results in multiple transcript variants. An alternatively spliced transcript variant produces the nine-amino acid residue-repeats (NARR) protein, which is a functionally distinct nucleolar protein resulting from a different reading frame. [provided by RefSeq, Dec 2016]

Transcript Variant: This variant (7) differs in the 5' UTR and lacks an alternate in-frame exon in the 5' coding region, compared to variant 1, resulting in an isoform (6) that is shorter than isoform 1.