

## Product datasheet for **SC304084**

### **RAB26 (NM\_014353) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	RAB26 (NM_014353) Human Untagged Clone
Tag:	Tag Free
Symbol:	RAB26
Synonyms:	V46133
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_014353 edited  
 GATGCCGCCGCCGCCGCCGCCGCCGCCGCCGCCGCCAGGGGAAGGGTTCGGGTCGGG  
 GTCGGGTCGGCGGGCGCGGGGTGCGGGACGGCCAGGGCACGGCGGCTGCAGCGGGAGC  
 ACACTGAGCGCCCGCCGCCATGTCCAGGAAGAAGACCCCAAGAGCAAAGGGGCCAGCA  
 CCCCCGCTGCCTCACGCTGCCACCGCCAACGGGGCCGACCGGCGCGCTCCGGGACTG  
 CGCTTTCCGGCCCGACGCGCCGCCAACGGGCCCTTGCAGCCCGCCGGCCCTCGTTG  
 GCGGCGGTGTCGACTTCTACGACGTCGCCTTCAAGGTCATGCTGGTGGGGACTCGGGT  
 TGGGGAAGACCTGTCTGCTGGTGCATTCAAGGATGGTGTCTTCTGGCGGGACCTTCA  
 TCTCCACCGTAGGCATTGACTTCCGGAACAAAGTTCTGGACGTGGATGGTGTGAAGTGA  
 AGCTGCAGATGTGGACACAGCTGGTCAGGAGCGGTTCCGCAGTGTACCCATGCCTACT  
 ACCGGGATGCTCATGCTCTGCTGCTCTACGATGTCACCAACAAGGCCTCCTTTGACA  
 ACATCCAGGCCTGGTGACCGAGATCCACGAGTACGCCACGACGACGTGGCGCTCATGC  
 TGCTGGGGAACAAGGTGGACTCTGCCATGAGCGTGTGGTGAAGAGGGAGGACGGGGAGA  
 AGCTGGCCAAGGAGTATGACTGCCCTTTCATGGAGACCAGCGCAAGACGGGCCTCAACG  
 TGGACTTGGCCTTACAGCCATAGCAAAGGAGTTGAAGCGCGCTCCATGAAGGCTCCCA  
 GCGAGCCGCGCTTCCGGCTGCATGATTACGTTAAGAGGGAGGGTGCAGGGGCCTCCTGCT  
 GCCGCCCTTGAACCTGGCTGAGCTCAGTCTCTGGAGGAAGCCGCCAGTCCCTAGAAGG  
 CTGGACAGAGGGTCTCCAGGCCCTTCTGACTTTGTGCCCAGTGGCCAACGCCCGAGTGT  
 CTGTTTTCAGGAGCCCCAGGTCAAGCCTTGTCCCTTCTCCTCCAGCAACAGTCCCAAC  
 AAGCAGGCTTCTGAGAGCCCGTGGCCGCACACTGGCCGCCACGGAAAAGCAGTCTTCTGC  
 ACGGGACGGGGAGCGGCAAGTGGACAGACTTTGCCACGGTGTCTACTGCCCCCTCTGG  
 GCACGTCCAGGTGAGGGAGGGCTGGGGCTGGCACACGCACAGTGCCTAACCCTAGAAAA  
 GCCATGTCTTTCAGCCGCACATGCTCAGGCAGCTAAGGGAGGACGCCTGCCACGCCTGGG  
 ACAGAAGGCTTCACTGCTAATCACATCGTGCATCTGTGTCTCTGGGAGCTGCCTGCTCC  
 CGGCCACCCTCTAGGAGGCTCTGGCTCAACAGCAATAGGGTCTTCTCACTGACCTTG  
 GAGGATGCCTGTGGCCTTGTGATAAAATGTGGGAAATCACAGAAAAACCCAGAAACAACA  
 ACTGCCAGCCCGCCTGGCCACAGGTGAGGTCTGTGATTTCCGAGCACGCTCCACCTTGC  
 ACTCAACTTGGCCTTTTGATTGCACAAGCCTTTGTTTTCACTGCTAGTGAATAAAGTTGT  
 GTTTTCTGGAAAAAAAAAAAAAAAAA

- Restriction Sites:** Please inquire
- ACCN:** NM\_014353
- Insert Size:** 1600 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).
- OTI Annotation:** The ORF of this clone has been fully sequenced and found to contain one SNP compared with NM\_014353.4.
- 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).

<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_014353.4</a> , <a href="#">NP_055168.2</a>
<b>RefSeq Size:</b>	1641 bp
<b>RefSeq ORF:</b>	771 bp
<b>Locus ID:</b>	25837
<b>UniProt ID:</b>	<a href="#">Q9ULW5</a>
<b>Cytogenetics:</b>	16p13.3
<b>Protein Families:</b>	Druggable Genome
<b>Gene Summary:</b>	<p>Members of the RAB protein family, including RAB26, are important regulators of vesicular fusion and trafficking. The RAB family of small G proteins regulates intercellular vesicle trafficking, including exocytosis, endocytosis, and recycling (summary by Seki et al., 2000 [PubMed 11043516]).[supplied by OMIM, Nov 2010]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (1).</p>