

## Product datasheet for **SC324325**

### **RAB17 (NM\_022449) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	RAB17 (NM_022449) Human Untagged Clone
Tag:	Tag Free
Symbol:	RAB17
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\_022449.1  
 CTTCTGGGAGGAGAAGAGGCCTGACCTTGGCGCTGGGGTCCAGTGGGCGCTGCTCTGGTC  
 CGAGGCTGCTGCTCTTGACCTCTGCTCTGCGGCTGTTTTCCATTGGAGTAGAGGCTCCTC  
 CTGTCCTGTCTGCTGTGGAGGGAAGCAAACCTCCCTGGACCAGAGAGAGGAGAAAG  
 CGGAGACAGGTAGCAACGCTGTGGACTGGTGATGACAGGCTCTTCAGTCCCTGCAAGTG  
 ACCGGCTGGGGAACAGGGCATGGCACAGGCACACAGGACCCCCAGCCAGGGCTGCC  
 CCCAGCCAGCCCGTGTGTTCAAGCTGGTCTCCTGGGAAGTGGTCCGTGGGTAAGTCC  
 AGCTTGGCTCTTCGGTAGTGAAGAACGACTTCAAGAGTATCCTGCCTACGGTGGGCTGT  
 GCGTTCTTCAAAAGGTGGTGGATGTGGGTGCCACCTCTCTGAAGCTTGAGATCTGGGAC  
 ACAGCTGGCCAGGAGAAGTACCACAGCGTCTGCCACCTCTACTTCAGGGGTGCCAACGCT  
 GCGCTTCTGGTGTACGACATCACCAGGAAGGATTCCTTCTCAAGGCTCAGCAGTGGCTG  
 AAGGACCTGGAGGAGGAGCTGCACCCAGGAGAAGTCTGGTGATGCTGGTGGCAACAAG  
 ACGGACCTCAGCCAGGAGCGGGAGGTGACCTTCCAGGAAGGGAAGGATTTGCCGACAGC  
 CAGAAGTTGCTGTTTCATGAAAATTCGGCCAACTGAACCACCAGGTGTCGGAGGTGTTT  
 AATACAGTGGCCAAAGAGCTACTGCAGAGAAGCGACGAGGAGGGCCAGGCTCTACGGGG  
 GATGCAGCTGTGGCTCTGAACAAGGGGCCCGCAGGCAGGCCAAATGCTGCGCCACTAG  
 GTGCAGCCACTCCTGGGGCTGTGGGAAGACACCCCTGCCTGGGCCATGGCCAGCTCT  
 AGGTGGATTCTGATTCAGTGTCAATGCTGGGTGCTCCCGAGCCCTAGATGTTCTGGAA  
 GTTGGCCCCCTTATGAAAACCACTTCCACAGCCAGTGGGAAGTCCAGAGGAAGATCT  
 GCGCTCACATGGCTCCCAGGAAAGTGTGTGCCCTATCCCCACTGATACCATCTGATTCC  
 CCGATGCCTGTGCTGTTCCACCTGGACGGTGGCCCCCTCAGCTGGCAGCCTCTGGACA  
 GAGAGGAAGGAAGGATTGAAAAGTCCCCGACGACAGCGACGGTGGGAAGATGCCTTAC  
 GTCTGATCTTGATGGGGGCACTGGCCTGGAGCCTGGGCCACCTGCTTCTGGGGGTTGG  
 GGAGCAGGCCAGATGGAGGTGGTGGTCCAGGAAGAAATGGAGCGATGACTGACTGTGGG  
 GTGGGCCCAGGATTTCCACATCTTGGTGAAGTTGCCCTGGGAAGGCGAGCTGGGGCAG  
 TGGCGCCAGTTCCCTTCCATGGTCTCCCGGCTGGCAATGTGGTGAAGCTGAGTTCTGTG  
 CAATGAGCAGGAAGATTCTGAGACATTTGCCTGAGATATAAGTTGACTGCGTATGCAG  
 TTTTCTCCAAAAATTAATTGCTTTTGACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA  
 AA  
 AAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_022449

**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:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

**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_022449.1</a> , <a href="#">NP_071894.1</a>
<b>RefSeq Size:</b>	1982 bp
<b>RefSeq ORF:</b>	639 bp
<b>Locus ID:</b>	64284
<b>UniProt ID:</b>	<a href="#">Q9H0T7</a>
<b>Cytogenetics:</b>	2q37.3
<b>Domains:</b>	ras, RAN, RAS, RHO, RAB
<b>Protein Families:</b>	Druggable Genome
<b>Gene Summary:</b>	<p>The Rab subfamily of small GTPases plays an important role in the regulation of membrane trafficking. RAB17 is an epithelial cell-specific GTPase (Lutcke et al., 1993 [PubMed 8486736]). [supplied by OMIM, Oct 2009]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the full-length protein.</p>