

## Product datasheet for **SC301369**

### **RAB19B (RAB19) (NM\_001008749) Human Untagged Clone**

#### Product data:

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:             | Expression Plasmids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Product Name:             | RAB19B (RAB19) (NM_001008749) Human Untagged Clone                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Tag:                      | Tag Free                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Symbol:                   | RAB19B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Synonyms:                 | RAB19B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Mammalian Cell Selection: | None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Vector:                   | <u>pCMV6-XL5</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| E. coli Selection:        | Ampicillin (100 ug/mL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Fully Sequenced ORF:      | <p>&gt;OriGene ORF sequence for NM_001008749 edited</p> <p>ATGCACTTCTCCAGCTCAGCCAGGGCAGCAGATGAGAACTTTGACTATTTGTTCAAGATT<br/>         ATCCTCATTGGGGATTCCAATGTGGGGAAGACGTGTGTGGTGCAGCATTTCAAGTCTGGA<br/>         GTCTACACTGAGACACAGCAGAACACGATTGGAGTGGACTTTACCGTGCGTTCCCTTGAT<br/>         ATTGACGGCAAAAAAGTGAAGAACAGTTCGGCCAGTATTATCACCTTTGCCAGTATTGAG<br/>         ATCCACGGGCAGACTCAAAGATGAGCCCCAAATCTGGACCAAGAGTTCCTTACCTG<br/>         TGGGAACCCCTGATTTGGACTCTCCTTCTGCTTCTCCAGATGCAGGTGTGGGACACA<br/>         GCTGGCCAGGAGCGCTTCCGCACCATCACCCAAAGCTACTACCGCAGTGGCCACGACGCC<br/>         ATCATCGCCTATGACCTACCCGGCGGTCCACGTTGAGTCCATCCCTCACTGGATTGAT<br/>         GAGATAGAGAAATATGGAGCTGCAAATGTGGTCATTATGCTGATTGAAAATAAATGTGAC<br/>         CTCTGGGAAAAGCGGCACGTCTGTTGAGGATGCCTGCACACTGGCTGAGAAGCACGGC<br/>         CTCTGGCCGTTTTGGAGACATCTGCCAAGGAGTCAAAGAACATAGAAGAAGTCTTCGTG<br/>         CTCATGGCCAAGGAGCTGATCGCGCGCAACAGCCTGCACCTATATGGGGAGAGTGCCCTG<br/>         AACGGCCTCCCCCTGGACTCCAGCCCCGTTCTTATGGCCCAGGGTCCAAGTGAAGAAGACC<br/>         CACTGCACTTGCTAA</p> |
| Restriction Sites:        | Please inquire                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| ACCN:                     | NM_001008749                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Insert Size:              | 2800 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).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |


[View online »](#)

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>OTI Annotation:</b>        | The ORF of this clone has been fully sequenced and found to match to NM_001008749.1. There is one SNP in the ORF.                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Components:</b>            | 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>                | <u>NM_001008749.1</u> , <u>NP_001008749.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>RefSeq Size:</b>           | 795 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>RefSeq ORF:</b>            | 795 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Locus ID:</b>              | 401409                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>UniProt ID:</b>            | <u>A4D1S5</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Cytogenetics:</b>          | 7q34                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |