

## Product datasheet for **SC114302**

### **RAB9B (NM\_016370) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	RAB9B (NM_016370) Human Untagged Clone
Tag:	Tag Free
Symbol:	RAB9B
Synonyms:	Rab-9L; RAB9L
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_016370 edited ATGAGTGGGAAATCCCTGCTCTTAAAGGTCATTCTCTTGGGTGATGGTGGAGTTGGGAAA AGTTCGTTATGAACCGTTACGTAACCAACAAATTTGACTCCCAGGCTTTTCACACCATA GGGGTAGAGTTCTTAAATCGAGATCTGGAGGTAGATGGACGCTTTGTAACCCCTCCAGATC TGGGACACTGCAGGCAGGAACGTTTCAAGAGCCTTAGGACACCTTCTACAGGGGAGCA GACTGCTGCCTCTTGACCTTCAGCGTGGATGATCGGCAGAGCTTCGAGAATCTTGTAAC TGGCAGAAAGAATTTATTTACTATGCGGATGTGAAGGACCCTGAGCATTCCCCTTTGTA GTTCTGGGTAACAAGGTAGACAAAGAGGATAGGCAAGTGACTACTGAGGAGGCACAAACC TGGTGATGGAGAATGGGGATTACCCTTATTTAGAACTAGTCCAAAGATGATACTAAT GTGACAGTGGCCTTTGAAGAAGCTGT CAGGCAGGTGCTGGCTGTAGAGGAACAGCTGGAG CATTGCATGTTGGGTACACCATTGACTTGAACAGTGGCTCCAAAGCAGGGTCTTCGTGC TGTTAA



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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_016370 unedited AGGGCGGCCCGCAATTCGCACGAGGCCGAGGTCCAAGCCGCACTTGCTGCCCCATTGAG GACGAGGAGGCAGCAGGAGCAGTGACGGTGACTCTAAGGAGCCGGATTCCCGGCACGCAG AGCTGACCTGCCTGGCACCCGCGGCCCTCTCTGTTTCCCTCCCATTGTGTTGGCACCCCT AAAAAGAAAGAATAAAACAACAACAGGAAAAAAGGAAAATATTTAAATTGTGACAAAA CCCCTGGGTTCTCTTGGTTACAAACTCCTTCCCTTCTGGTGCTGCAAAAATGAGTGGGA AATCCCTGCTCTTAAAGGTCATTCTCTTGGGTGATGGTGGAGTTGGGAAAAGTTCGCTTA TGAACCGTTACGTAACCAACAAATTTGACTCCCAGGCTTTTACACCCATAGGGGTAGAGT TCTTAAATCGAGATCTGGAGGTAGATGGACGCTTTGTAACCCTCCAGATCTGGGACACTG CAGGGCAGGAACGTTTCAAGAGCCTTAGGACACCCTTCTACAGGGGAGCAGACTGCTGCC TCTTGACCTTCAGCGTGGATGATCGGCAGAGCTTCGAGAATCTTGGTAACTGGCAGAAAG AATTTATTTACTATGCGGATGTGAAGGACCCTGAGCATTCCCTTTGTAGTTCTGGGTA ACAAGGTAGACAAAGAGGATAGGCAAGTGACTACTGANGAGGCACAAACCTGGTGCATGG AGAATGGGGATTACCCTTATTTAGAAACTAGTGCCAAAGATGATACTAATGTGACAGTGG CCTTTGAAAACTGTANNGCAGTGCTGGCTGTNAAGAACAGCTGNAGCATTGCATGTTG GGTCACACCATTGACTNTGACAGTGGGCTCAAGCAGGNTCTNCGTGCTGTTAAGAATAGG NAGCTTTTAAAAAGN
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_016370
<b>Insert Size:</b>	3670 bp
<b>OTI Disclaimer:</b>	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).
<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><a href="#">NM_016370.1</a></u> , <u><a href="#">NP_057454.1</a></u>
<b>RefSeq Size:</b>	1049 bp
<b>RefSeq ORF:</b>	606 bp
<b>Locus ID:</b>	51209
<b>UniProt ID:</b>	<u><a href="#">Q9NP90</a></u>
<b>Cytogenetics:</b>	Xq22.2
<b>Domains:</b>	ras, RAN, RAS, RHO, RAB
<b>Protein Families:</b>	Druggable Genome

**Gene Summary:**

This gene encodes a member of a subfamily of RAS small guanosine triphosphate (GTP)-binding proteins that regulate membrane trafficking. The encoded protein may be involved in endosome-to-Golgi transport. [provided by RefSeq, Jan 2010]

Transcript Variant: This variant (1) encodes the protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.