

## Product datasheet for **SC106262**

### **RAB24 (BC010006) Human Untagged Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	RAB24 (BC010006) Human Untagged Clone
Tag:	Tag Free
Symbol:	RAB24
Synonyms:	RAB24 gene product; RAB24, member RAS oncogene family
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for BC010006, the custom clone sequence may differ by one or more nucleotides

```
ATGAGCGGGCAGCGCGTGGACGTCAAGGTGGTGTGCTGGGCAAGGAGTACGTGGCAAGACTAGCCTGG
TGGAGCGTACGTGCACGACCGCTTTCTGGTGGGGCCTTATCAGAACACCATCGGGGCCGCTTCGTGGC
CAAGGTGATGTCGGTGGGAGACCGGACTGTGACATTAGGTATTTGGGACACAGCAGGCTCTGAGCGCTAT
GAGGCCATGAGTAGAATCTACTATCGGGGTGCCAAGGCTGCCATCGTCTGCTATGACCTCACAGACAGCA
GCAGCTTTGAGCGAGCAAAGTTCTGGGTGAAGGAACTGCGCAGCCTAGAGGAGGGCTGCCAAATCTACTT
ATGTGGACCAAGAGTGACCTGCTGGAAGAAGACCGGAGGCGTGCACGTGTGGACTTCCACGACGTCCAG
GACTATGCAGACAATATCAAAGCTCAGCTCTTTGAAACATCCAGCAAGACAGGCCAGAGTGTGGACGAGC
TCTTCCAGAAAGTGGCAGAGGATTACGTGAGTGTGGCTGCCTTCCAGGTGATGACAGAGGACAAGGGCGT
GGATCTGGGCCAGAAGCCAAACCCTACTTCTACAGCTGTTGTCATCACTGA
```

#### 5' Read Nucleotide Sequence:

```
>OriGene 5' read for BC010006 unedited
CTCATAGGGCGGCCCGCGCCAGGTTTCGGTGGGATTCCAGCCAGAACGGAGCTTAAG
CCGGGCAGGCGAGCGAATGACGGAGTAGCGAGCTGCACGGCGCGCTGCTGCGCTGTTGAG
GACGCTGTCCCAGCGCTCCCAGGCCGCCCGAGGCTTGGGGTCTTCAAGGATAATCGG
CGCCCGGGGCCGAACAGCGGGGGCACACGGGGCGCTGCCGAAGTGCAAGGCCACGGCCAG
AGCTCGAGCCCGACGCGCTGTCTGGAGTCTGAGGACCTGACGTGGTGAAGCGGGCCCG
GGAGCATGAGCGGGCAGCGCGTGGACGTCAAGGTGGTGTGCTGGGCAAGGAGTACGTGG
GCAAGACTAGCCTGGTGGAGCGCTACGTGCACGACCGCTTTCTGGTGGGGCCTTATCAGA
ACACCATCGGGGCCCGCTTCTGGCCAAAGGTGATGTCGGTGGGAGACCGGACTGTGACAT
TAGGTATTTGGGACACAGCAGGCTCTGAGCGCTATGAGGCCATGAGTAGAATCTACTATC
GGGGTGCCAAGGCTGCCATCGTCTGCTATGACCTCACAGACAGCAGCAGCTTTGAGCGAG
CAAAGTTTCTGGGTGAAGGAACTGCGCAGCCTAGAGGANGGCTGCCAAATCTACTTATGT
GGCACC
```



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<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	BC010006
<b>Insert Size:</b>	1500 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="#">BC010006.2</a></u> , <u><a href="#">AAH10006.1</a></u>
<b>RefSeq Size:</b>	1214 bp
<b>RefSeq ORF:</b>	612 bp
<b>Locus ID:</b>	53917
<b>Cytogenetics:</b>	5q35.3
<b>Domains:</b>	ras, RAN, RAS, RHO, RAB
<b>Protein Families:</b>	Druggable Genome
<b>Gene Summary:</b>	RAB24 is a small GTPase of the Rab subfamily of Ras-related proteins that regulate intracellular protein trafficking (Olkkonen et al., 1993 [PubMed 8126105]).[supplied by OMIM, Aug 2009]