

Product datasheet for **SC302525**

RAB24 (NM_001031677) Human Untagged Clone

Product data:

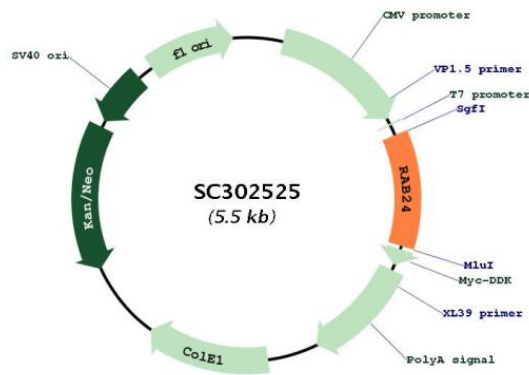
Product Type: Expression Plasmids
 Product Name: RAB24 (NM_001031677) Human Untagged Clone
 Tag: Tag Free
 Symbol: RAB24
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Fully Sequenced ORF: >SC302525 representing NM_001031677.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAGCGGGCAGCGCGTGGACGTCAAGGTGGTGTGCTGGGCAAGGAGTACGTGGCAAGACTAGCCTG
GTGGAGCGCTACGTGCACGACCGCTTTCTGGTGGGCCTTATCAGAACACCATCGGGCCGCCTTCGTG
GCCAAGGTGATGTCGGTCGGAGACCGACTGTGACATTAGGTATTTGGACACAGCAGGCTCTGAGCGC
TATGAGGCCATGAGTAGAATCTACTATCGGGGTGCCAAGGCTGCCATCGTCTGCTATGACCTCACAGAC
AGCAGCAGCTTTGAGCGAGCAAAGTTCTGGTGAAGGAAGTCCGACAGCTAGAGGAGGGCTGCCAAATC
TACTTATGTGGCACCAAGAGTGACCTGCTGGAAGAAGACCGGAGCGTGCACGTGTGGACTCCACGAC
GTCCAGGACTATGCAGACAATATCAAAGCTCAGCTCTTTGAAACATCCAGCAAGACAGGCCAGAGTGTG
GACGAGCTCTCCAGAAAGTGGCAGAGGATTACGTGAGTGGCTGCCTCCAGGTGATGACAGAGGAC
AAGGGCGTGGATCTGGGCCAGAAGCCAAACCCCTACTTCTACAGCTGTTGTATCACTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: SgfI-MluI



[View online »](#)

Plasmid Map:


ACCN: NM_001031677

Insert Size: 612 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: 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).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
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.

RefSeq: [NM_001031677.3](#)

RefSeq Size: 1632 bp

RefSeq ORF: 612 bp

Locus ID: 53917

UniProt ID: [Q969Q5](#)

Cytogenetics: 5q35.3

Protein Families: Druggable Genome

MW: 23.1 kDa

Gene Summary: 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]
Transcript Variant: This variant (1) encodes the functional protein. Both variants 1 and 2 encode the same protein.