

Product datasheet for **SC330267**

RAB5C (NM_001252039) Human Untagged Clone

Product data:

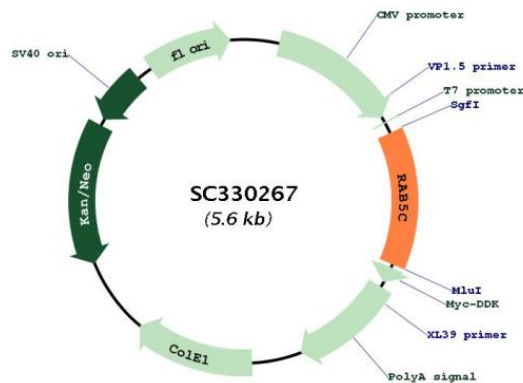
Product Type: Expression Plasmids
Product Name: RAB5C (NM_001252039) Human Untagged Clone
Tag: Tag Free
Symbol: RAB5C
Synonyms: L1880; RAB5CL; RAB5L; RABL
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC330267 representing NM_001252039.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGAAGTGGAGGTCCCCCTCCCCACTAAGTGCCTCTTTGCATAGCACCAGTCCCCACCCGCAC
GCTCTCTGGACCACTACAGCTGGACGGCAATGGCGGGTCGGGGAGGCGCAGCACGACCCAATGGACCA
GCTGCTGGGAACAAGATCTGTCAATTTAAGCTGGTTCTGCTGGGGGAGTCTGCGGTAGGCAATCCAGC
CTCGTCTCCGCTTTGTCAAGGGACAGTTTACAGAGTACCAGGAGAGCACAATTGGAGCGGCCTTCCTC
ACACAGACTGTCTGCCTGGATGACACAACAGTCAAGTTTGAGATCTGGGACACAGCTGGACAGGAGCGG
TATCACAGCCTGGCCCCATGTACTATCGGGGGGCCAGGCTGCCATCGTGGTCTATGACATCACCAC
ACAGATACATTTGCACGGCCAAGAAGTGGGTGAAGGAGCTACAGAGGCAGGCCAGCCCCAACATCGTC
ATTGCACTCGCGGTAACAAGGCAGACCTGGCCAGCAAGAGAGCCGTGGAATTCCAGGAAGCACAAGCC
TATGCAGACGACAACAGTTTGTCTGTTTATGGAGACATCAGCAAAGACTGCAATGAACGTGAACGAAATC
TTCATGGCAATAGCTAAGAAGCTTCCCAAGAACGAGCCCCAGAATGCAACTGGTGTCCAGGCCGAAAC
CGAGGTGTGGACCTCCAGGAGAACAACCCAGCCAGCCGGAGCCAGTGTGCAGCAACTGA
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Restriction Sites: SgfI-MluI



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Plasmid Map:


ACCN: NM_001252039

Insert Size: 750 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).

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:	<ol style="list-style-type: none">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_001252039.1
RefSeq Size:	1918 bp
RefSeq ORF:	750 bp
Locus ID:	5878
UniProt ID:	P51148
Cytogenetics:	17q21.2
Protein Families:	Druggable Genome
Protein Pathways:	Endocytosis
MW:	27 kDa
Gene Summary:	<p>Members of the Rab protein family are small GTPases of the Ras superfamily that are thought to ensure fidelity in the process of docking and/or fusion of vesicles with their correct acceptor compartment (Han et al., 1996 [PubMed 8646882]).[supplied by OMIM, Nov 2010]</p> <p>Transcript Variant: This variant (3) differs in the 5' UTR, contains an alternate exon and initiates translation at an alternate start codon, compared to variant 1. The encoded isoform (b) is longer and has a distinct N-terminus, compared to isoform a. 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.</p>