

Product datasheet for **SC322014**

RAB5C (NM_201434) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RAB5C (NM_201434) Human Untagged Clone
Tag:	Tag Free
Symbol:	RAB5C
Synonyms:	L1880; RAB5CL; RAB5L; RABL
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:	<p>>OriGene sequence for SC322014</p> <pre> AGCGGCTGAAAGGCGGAAGTGGAGGCCGGAGCCTGGGACACCGCCGGCGGGGAGAGAAGC GGATCCCCTCCGAGCCCCGGCCCCAAGTAACGCCGCCGCCCGGAGCCGCCTTGGAGGTC CCCCTCCCCTAAGTGCCTCTTTGCATAGCACCAGTCCCCACCCGCACGCTCTCTGGAC CACTACAGCTGGACGGGCAATGGCGGGTCGGGGAGGCGCAGCAGACCAATGGACCAGC TGCTGGGAACAAGATCTGTCAATTTAAGCTGGTTCTGCTGGGGGAGTCTCGGTAGGCAA ATCCAGCCTCGCTCCGCTTTGTCAAGGGACAGTTTCAGGAGTACCAGGAGAGCACAAT TGGAGCGCCTTCTCACACAGACTGTCTGCCTGGATGACACAACAGTCAAGTTTGAGAT CTGGGACACAGCTGGACAGGAGCGGTATCACAGCCTGGCCCCATGTAATATCGGGGGG CCAGGCTGCCATCGTGGTCTATGACATACCAACACAGATACATTTGCACGGGCCAAGAA CTGGGTGAAGGAGCTACAGAGCCAGGCCAGCCCCAACATCGTCAATGCACTCGCGGGTAA CAAGGCAGACCTGGCCAGCAAGAGAGCCGTGGAATTCAGGAAGCACAAGCCTATGCAGA CGACAACAGTTTGTGTTTATGGAGACATCAGCAAAGACTGCAATGAACGTGAACGAAAT CTTCATGGCAATAGCTAAGAAGCTTCCAAGAACGAGCCCCAGAATGCAACTGGTGTCC AGGCCGAAACCGAGGTGTGGACCTCCAGGAGAACAACCCAGCCAGCCGGAGCCAGTGTG CAGCAACTGAGCCCCCTTGCCTGCCCGCTGCCCGCCTCCTCCGCTGAATGACCCGA CTGGAATCCACTTAACCAATCGCACTTAACGACTCGGGCCACCACTGGGGGGGAGGGG GAGGGTCCACCATGATTTCTCCATATAATTTTGATCATAGGCCGGAGTGAATCATTCCA CCTGCACCTTTCTGTACAAATACTAATTTCAATTTAAGTCTTAAGTCACTTTTTTAATAT ATATGATCTTCTGCTCTTCCCCTTCTCCCCTTCTACTGCTCTCCATTTTCCCTTGC TGGGAGTAGCCACATGCTTGGCCCCAACCTTGTATATGGGGACAGTGGGGTCAAGTGC CAGTACCCTTTCTTCCCTCCTGCGGAACAGCGGACCCAGCAAGAGCATCCACATCCTC ACTTTGTTCCGAGTGGTCTTTGGTTTGGCGGTGGGGCAGACCTTGGGAAGGGGCTTAGG AAGGGAGAGGCAGCTTCTCCTTCACTGCTCTCATCAGGCTGCAGCCCCCTCCCGCTC CCACCTCCTGCTGGAAACCACAGCATTATCACAGCATTATTGTGACAGCCACGAAACC ATTGCCACAACCCCTCCACCCTCGGTACCCCAACCTCTGGCTCTGAGCCCTGTTCTGA CCAAATCATGATGATGATATTTGGGGTGGTGGGTAAGGGGGGAGTGGGAGGGGACG GAACCAACTTTTTCTGTATTTGTATTGTATGTTTTCTTCAACATGTAACCAATCAGTAT CTTGTCATATAGTCAGCCGATCGATCGACCTCAAAAAAAAAAAAAA </pre>
Restriction Sites:	Please inquire
ACCN:	NM_201434
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_201434.1](#), [NP_958842.1](#)

RefSeq Size: 1791 bp

RefSeq ORF: 651 bp

Locus ID: 5878

UniProt ID: [P51148](#)

Cytogenetics: 17q21.2

Protein Families: Druggable Genome

Protein Pathways: Endocytosis

Gene Summary: 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]
Transcript Variant: This variant (1) encodes isoform a. Variants 1 and 2 encode the same isoform.