

Product datasheet for **SC328423**

RAB40C (NM_001172666) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RAB40C (NM_001172666) Human Untagged Clone
Tag:	Tag Free
Symbol:	RAB40C
Synonyms:	RARL; RASL8C
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC328423 representing NM_001172666. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**GCGATCGCC**
 ATGGGCTCGCAGGGCAGTCCGGTGAAGAGCTACGACTACCTGCTCAAGTTCCTGCTGGTGGGCGACAGC
 GACGTGGGCAAGGGCGAGATCCTGGAGAGCCTGCAGGACGGCGCGGCAGAGTCCCGTACGCCTACAGT
 AACGGGATCGACTACAAGACCACCACCATCTGCTGGACGGCGCGCGTGAAGCTGGAGCTCTGGGAC
 ACGTCGGGCCAGGGCCGGTTCTGCACCATCTTCAGGTCTACTCCAGGGCGCTCAGGGGATCCTCTTG
 GTGTATGACATCACCAACCGCTGGTCTTTGACGGCATCGACCGCTGGATCAAGGAGATCGATGAGCGG
 CAGGTCCCGACGGAGCAGGCCCGCGCTACGCAGAGAAGAACTGCATGACCTTCTTTGAGGTCAGCCCC
 CTGTGCAACTTCAACGTCATCGAGTCTTCACGGAGCTATCCCGCATCGTGCTCATGCGGCACGGCATG
 GAGAAGATCTGGAGGCCCAACCGAGTGTTGAGCCTGCAGGACCTCTGCTGCCGGGCCATCGTCTCCTGC
 ACCCCCGTGACCTCATCGACAAGCTTCCACTGCCCGTCACCATCAAGAGCCACCTCAAGTCCTTCTCG
 ATGGCCAACGGCATGAACGCGGTCATGATGCACGGCCGTTCTACTCCCTGGCCAGCGGGGCCGGGGC
 GGCGGCAGCAAGGGCAACAGCCTCAAGAGGTCCAAGTCCATCCGTCCACCCAGAGCCCCCCCAGAAC
 TGCTCGCGGAGTAACTGCAAGATCTCC**TAG**
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001172666
Insert Size:	789 bp


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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:	<u>NM_001172666.1</u>
RefSeq Size:	2530 bp
RefSeq ORF:	789 bp
Locus ID:	57799
UniProt ID:	<u>Q96S21</u>
Cytogenetics:	16p13.3
Protein Families:	Druggable Genome
MW:	29.2 kDa
Gene Summary:	Probable substrate-recognition component of a SCF-like ECS (Elongin-Cullin-SOCS-box protein) E3 ubiquitin ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (5) differs in the 5' UTR and uses an alternate in-frame splice site in the central coding region, compared to variant 1. The resulting isoform (b) lacks an internal segment, compared to isoform a.