

Product datasheet for **SC321609**

RAB32 (NM_006834) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RAB32 (NM_006834) Human Untagged Clone
Tag:	Tag Free
Symbol:	RAB32
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	<p>>OriGene sequence for NM_006834.2</p> <pre> GGGGGCCGAGCACTGGCGGTTCTGGTCTGTGACCGGTGAGCGGGTCTAGCGGGTCTAGCGGGC GCGGCGGAGGGCTGGCCGGCCTCGGGGAGTTTCCGCGCCGCCGGGGGCGGGCGGCAG AGCGCGAGGCCGGCAGGGGCCAGACTCGGAGTCGAGGCGCCGACAGCCGACAGCGC TCATGGCGGGCGGAGGAGCCGGGACCCCGGCCTGGGGGCGGCCGCCGCCAGCGCCCG AGACCCGCGAGCACCTCTCAAGGTGCTGGTATCGGCGAGCTTGGCGTGGGCAAGACCA GCATCATCAAGCGCTACGTCCACCAGCTCTTCTCCAGCACTACCGGGCCACCATCGGGG TGGACTTCGCCCTCAAGTCTCAACTGGGACAGCAGGACTCTGGTGGCCTGCAGCTGT GGGACATCGCGGGGCAGGAGCGATTTGGCAACATGACCCGAGTATACTACAAGGAAGCTG TTGGTGTCTTTGTAGTCTTTGATATATCAAGAAGTTCCACATTTGAGGCAGTCTTAAAT GGAAAAGTGATCTGGATAGTAAAGTTCATCTTCCAAATGGCAGCCCTATCCCTGCTGCC TCTTGGCTAACAAATGTGACCAGAACAAGGACAGTAGCCAGAGTCTTCCAGGTGGACC AATTCTGCAAAGAACATGGCTTTGCCGGATGGTTTGAAACCTCTGCAAAGGATAACATAA ACATAGAGGAAGCTGCCCGTTCCTAGTGGAGAAGATTCTTGTAACCACCAAAGCTTTC CTAATGAAGAAAACGATGTGGACAAAATTAAGCTAGATCAAGAGACCTTGAGAGCAGAGA ACAAATCCAGTGTGCTGATATATGGCTTCTGCTTCTTGTGTGTGCCTCAGCTCTGA AGAAGTCTCTGAGAAATGGGTTACAGATGTCATGTTAGCTGGGAGTCTTCCACATGTGGC ACTTCAAAGGCAGCACCCTGGGCGCCTGCACCTATTTGAAAATGGAACCTTTGGGAGAA GTATCCCTGCTAGTGGCTCTGTAACCTAACAGATGACAATTAGGCTTTTGTATTGTTGC CATCATATGGAAGATAATGTTTACATCCTTTTAAACATTTTATATGACAATTCCTCAGG ATTTGGTAAGGCTTCCAAGTTGTAGCTTTTAGTGTAAAGTCTGGGGTGGTAAATAAATGT TACCTGCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA </pre>
Restriction Sites:	Please inquire
ACCN:	NM_006834



[View online »](#)

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:	<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:	<u>NM_006834.2</u> , <u>NP_006825.1</u>
RefSeq Size:	1236 bp
RefSeq ORF:	678 bp
Locus ID:	10981
UniProt ID:	<u>Q13637</u>
Cytogenetics:	6q24.3
Domains:	ras, RAN, RAS, RHO, RAB
Protein Families:	Druggable Genome
Gene Summary:	The protein encoded by this gene anchors the type II regulatory subunit of protein kinase A to the mitochondrion and aids in mitochondrial fission. The encoded protein also appears to be involved in autophagy and melanosome secretion. Variations in this gene may be linked to leprosy. [provided by RefSeq, Dec 2015]