

Product datasheet for **SC122689**

RAB33A (NM_004794) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: RAB33A (NM_004794) Human Untagged Clone
Tag: Tag Free
Symbol: RAB33A
Synonyms: RabS10
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_004794 edited
 CCTCCTCTCCCTGGCTTTTGTGTTGGTGCCTCCGAGCTGCAAGGAGGGTGCCTGGAGGA
 GGAGGAGGGGGCCCGGAGTGAGAGGCACCCCTTCACGCGCGCGCGCACACGGTGCC
 GCGCACGCACACACGGGCGGACACACACACGCGCGCACACACACGACAGAGCTC
 GCTCGCCTCGAGCGCACGAACGTGGACGTTCTCTTTGTGTGGAGCCCTCAAGGGGGTTG
 GGGCCCCGGTTCGGTCCGGGGGAGATGGCGCAGCCATCCTGGGCCATGGGAGCCTGCAG
 CCCGCCTCGGCCGCTGGCCTGGCGTCCCTGGAGCTCGACTCGTCGCTGGACCACTACGTG
 CAGATTCGCATCTTCAAATAATCGTGATTGGGGACTCCAACGTGGCAAGACCTGCCTG
 ACCTTCCGCTTCTGCGGGGTACCTTCCAGACAAGACTGAAGCCACCATCGGCGTGGAC
 TTCAGGGAGAAGACCGTGAAATCGAGGGCGAGAAGATCAAGGTTTCAGGTGTGGACACA
 GCAGGTCAGGAACGTTTTCCGAAAAGCATGGTCGAGCATTACTACCGCAACGTACATGCC
 GTGGTCTTCGTCTATGAGTCCACCAAGATGACATCTTTCACCAACCTCAAATGTGGATC
 CAAGAATGCAATGGGCATGCTGTGCCCCCACTAGTCCCCAAAGTCTTGTGGGCAACAAG
 TGTGACTTGAGGGAACAGATCCAGGTGCCCTCCAACCTTAGCCCTGAAATTTGCTGATGCC
 CACAACATGCTCTTGTGGAGACATCGGCCAAGGACCCCAAGAGAGCCAGAACGTGGAG
 TCGATTTTCATGTGCTTGGCTTGCCGATTGAAGGCCAGAAAATCCCTGCTGTATCGTGAT
 GCTGAGAGGCAGCAGGGGAAGGTGCAGAACTGGAGTTCCACAGGAAGCTAACAGTAAA
 ACTTCTGTCTTGTGAAACCAACGATATAAATAACAAGATAAATTACTACTGGAGTTT
 TTTCTTCCCTTTTTCTGTGCCTGCATAATGCTGACACCTGCTTGTTCATACAAATT
 GATATCAAATAAAATTTGTATAGATTAAAAAAAAAAAAAAAAAAAAAA



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_004794 unedited GGAAGGTCAAATATTTGTAATACGACTCACTATAGNNGCGGCCGCAATCGGCACGAGG CCTCCTCTCCCTGGCTTTTGTGTTGGTGCCCTCCGAGCTGCAAGGAGGGTGCCTGGAGGA GGAGGAGGGGGCCCGGAGTGAGAGGCACCCCTTCACGCGCGCGCGCACACCGGTGCC GGCGCACGCACACGGGCGGACACACACACGCGCGCACACACACGACAGAGCTC GCTCGCCTCGAGCGCACGAACGTGGACGTTCTCTTTGTGTGGAGCCCTCAAGGGGGTTG GGGCCCCGGTTCGGTCCGGGGGAGATGGCGCAGCCCATCCTGGGCCATGGGAGCCTGCAG CCGCGCTCGGCCCTGGCCTGGCGTCCCTGGAGCTCGACTCGTGCCTGGACCAGTACGTG CAGATTTCGCATCTTCAAATAATCGTGATTGGGGACTCCAACGTGGCAAGACCTGCCTG ACCTTCCGCTTCTGCGGGGTACCTTCCAGACAAATACTGAAGCCACCATCGGCGTGGA CTTCAGGGAGAAGACCGTGAAATCGAGGGCGAGAAGTCAAGGTTCAAGGTGTGGACAC AGCAGGTCAGGAACGTTCCGCAAAAGCATGGTCGAGCATTACTACCGAACGTACATGC CGTGGTCTTCGTCTATGACGTCACCAAGATGACATCTTTCACCAACCTCAAATGTGGAT CCAAGAATGCAATGGGCATGCTGTGCCCCAGTAGTCCCAAAAGTCTTGTGGGCAACAA GTGTGACTTGAGGAAACAGATCCAGTGCCCTCCAACCTAGCCCTGAAATTTGCTGATGC CCACAACATGCTCTTGGTNTGAGACATCGCCAAGGACCCCAAAAGAGCCAGAACGTG GAGTCGATTTTCATGT</p>
Restriction Sites:	Please inquire
ACCN:	NM_004794
Insert Size:	1137 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
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_004794.2 , NP_004785.1
RefSeq Size:	1128 bp

RefSeq ORF:	714 bp
Locus ID:	9363
UniProt ID:	<u>Q14088</u>
Cytogenetics:	Xq26.1
Protein Families:	Druggable Genome
Gene Summary:	The protein encoded by this gene belongs to the small GTPase superfamily, Rab family. It is GTP-binding protein and may be involved in vesicle transport. [provided by RefSeq, Jul 2008]