

Product datasheet for **SC322560**

RAB27B (NM_004163) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: RAB27B (NM_004163) Human Untagged Clone
Tag: Tag Free
Symbol: RAB27B
Synonyms: C25KG
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for SC322560
 GTGGAGCCCGGGAGTTCCAGGGCTTGGGAAGGGGAAGGAAACCTCTCTGAAATCTGACAC
 CTGCTCTCCCGCAAGGAACTTCGAGGCTGACCGACCAAGACCATCACTATGACCGAT
 GGAGACTATGATTATCTGATCAAACCTCTGGCCCTCGGGGATTCAGGGTGGGGAAGACA
 ACATTTCTTTATAGATACACAGATAATAAATTCATCCCAAATTCATCACTACAGTAGGA
 ATAGACTTTGGGAAAAACGTGTGGTTTATAATGCACAAGGACCGAATGGATCTTCAGGG
 AAAGCATTTAAAGTGCATCTTCAGCTTTGGGACACTGCGGGACAAGAGCGGTTCCGGAGT
 CTCACCACTGCATTTTTCAGAGACGCCATGGGCTTCTTATTAATGTTTGACCTCACCAGT
 CAACAGAGCTTCTTAAATGTCAGAACTGGATGAGCCAAGCAAGCAAAATGCTTATTGT
 GAAAATCCAGATATAGTATTAATTGGCAACAAGGCAGACCTACCAGATCAGAGGGAAGTC
 AATGAACGGCAAGCTCGGGAAGTGGCTGACAAATATGGCATAACCATTTTGAACAAGT
 GCAGCAACTGGACAGAATGTGGAGAAAGCTGTAGAAACCCCTTTTGGACTTAATCATGAAG
 CGAATGGAACAGTGTGTGGAGAAGACACAAATCCCTGATACTGTCAATGGTGGAAATTTCT
 GGAAACTTGGATGGGAAAAAGCCACCAGAGAAGAAATGTATCTGCTAGACTCTACATAGA
 AACTGAACATCAAGAACCCACCAAAATATTACTTTTAAAAACAATGACAAACCACACAA
 TTGTTGTTGAGTAAACCACGCACAATGGCATGTCTTTCTTTTCTGCCAGAAAATCTATT
 TTAAGAAACCAGAATAGTCAACAGTGTTCAAAAGAATTGACTAGTTATCCCTGAGGCCCT
 TTCAAACATGATCAAAGATTTCCCAATGTGATCTCATCATCATGGATACTCAATTTGTTT
 TTTCTTATAGAGAAAATGAGTATAAAGACAATATACAAGAAGAAATATCAGTGAGTTTT
 AAATCAGAACAAGTTACCTGTACATTGAAGAAAAGGTTAGGCACTAAAGGGAGAACACA
 GAAAGAAGAAATTTCTAAAATATTGGATTTACTTCTTATATTGAGTCAGATGCATACTTTT
 AGATTTGCATTGGGAAAAATGACTAGCTAAAAATGGATACACAATGAAGAATTCTATTT
 GGCTAATTAAGAATGATATACTATGTACACCCAATAAGCTGACTAGAATGAATAAATTA
 CTGATAAGGTTCCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire



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ACCN:	NM_004163
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_004163.3</u> , <u>NP_004154.2</u>
RefSeq Size:	1365 bp
RefSeq ORF:	657 bp
Locus ID:	5874
UniProt ID:	<u>O00194</u>
Cytogenetics:	18q21.2
Domains:	ras, RAN, RAS, RHO, RAB
Protein Families:	Druggable Genome
Gene Summary:	Members of the Rab protein family, including RAB27B, are prenylated, membrane-bound proteins involved in vesicular fusion and trafficking (Chen et al., 1997 [PubMed 9066979]). [supplied by OMIM, Nov 2010]