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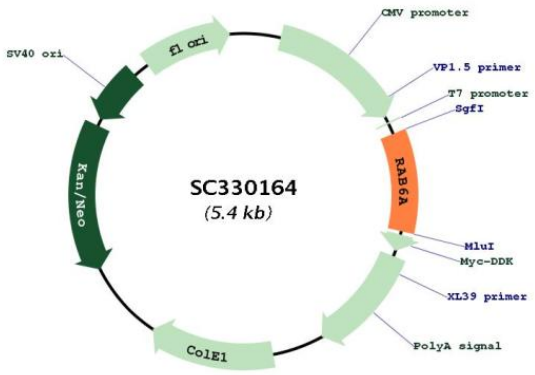
Product datasheet for SC330164

RAB6A (NM_001243719) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RAB6A (NM_001243719) Human Untagged Clone
Tag:	Tag Free
Symbol:	RAB6A
Synonyms:	RAB6
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC330164 representing NM_001243719. Blue=Insert sequence Red=Cloning site Green=Tag(s) ATGTATGACAGTTTTGACAACACCTATCAGGCAACAATTGGCATTGACTTTTTATCAAAAACTATGTAC TTGGAGGATCGAACAATCAGGCTTCAGCTGTGGGATACTGCGGGTCAGGAACGTTTCCGTAGCCTCATT CCCAGTTACATCCGTGATTCTGCTGCAGCTGTAGTAGTTTACGATATCACAAATGTTAACTCATTCCAG CAAACTACAAAGTGGATTGATGATGTCAGAACAGAAAGAGGAAGTGATGTTATCATCATGCTAGTAGGA AATAAAACAGATCTTGCTGACAAGAGGCAAGTGTCAATTGAGGAGGGAGAGAGGAAAGCCAAAGAGCTG AATGTTATGTTTATTGAAACTAGTGCAAAAGCTGGATACAATGTAAAGCAGCTCTTTCGACGTGTAGCA GCAGCTTTGCCGGGAATGGAAAGCACACAGGACAGAAGCAGAGAAGATATGATTGACATAAAACTGGAA AAGCCTCAGGAGCAACCAGTCAGTGAAGGAGGCTGTTCCTGCTAA
Restriction Sites:	SgfI-MluI
Plasmid Map:	



View online »

ACCN:	NM_001243719
Insert Size:	528 bp
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).
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_001243719.1
RefSeq Size:	2863 bp
RefSeq ORF:	528 bp
Locus ID:	5870
UniProt ID:	P20340
Cytogenetics:	11q13.4
Protein Families:	Druggable Genome
MW:	19.9 kDa

Gene Summary: This gene encodes a member of the RAB family, which belongs to the small GTPase superfamily. GTPases of the RAB family bind to various effectors to regulate the targeting and fusion of transport carriers to acceptor compartments. This protein is located at the Golgi apparatus, which regulates trafficking in both a retrograde (from early endosomes and Golgi to the endoplasmic reticulum) and an anterograde (from the Golgi to the plasma membrane) directions. Myosin II is an effector of this protein in these processes. This protein is also involved in assembly of human cytomegalovirus (HCMV) by interacting with the cellular protein Bicaudal D1, which interacts with the HCMV virion tegument protein, pp150. Multiple alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Aug 2011]
Transcript Variant: This variant (3) has an alternate 5' exon, resulting in a downstream AUG start codon, compared to variant 1. The resulting isoform (c) is shorter at the N-terminus, compared to isoform a. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.