

Product datasheet for SC330266

RAB5B (NM_001252037) Human Untagged Clone

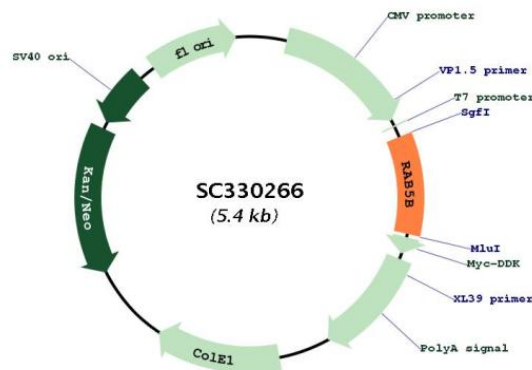
Product data:

Product Type:	Expression Plasmids
Product Name:	RAB5B (NM_001252037) Human Untagged Clone
Tag:	Tag Free
Symbol:	RAB5B
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC330266 representing NM_001252037. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGACTAGCAGAAGCACAGCTAGGCCAAATGGGCAACCCAGGCCAGCAAAATTTGCCAGTTCAAATTG
GTCCTGCTGGGAGAATCTGCAGTGGGAAAGTCAAGCCTGGTATTACGTTTTGTCAAAGGGCAGTTCCAT
GAGTACCAGGAGAGCACCATTGGAGCGGCTTCTCACCAGTCCGTTTGTCTAGATGACACAACAGTG
AAGTTTGAGATCTGGGACACAGCTGGGCAGGAGCGATATCACAGCTTAGCCCCATGTAACAGGGGT
GCCAAGCTGCAATCGTGGTTTACGACATTACTAATCAGGAGGCCAGGCATATGCAGATGACAACAGC
TTATTGTTTCATGGAGACTTCAGCCAAGACAGCTATGAACGTGAATGATCTCTTCTGGCAATAGCTAAG
AAGTTGCCAAAGAGTGAACCCAGAAATCTGGGAGGTGCAGCAGGCCGAAGCCGGGGTGTGGATCTCCAT
GAACAGTCCCAGCAGAACAAGAGCCAGTGTGTAGCAACTGA
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Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_001252037



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Insert Size:	525 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:	<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_001252037.1
RefSeq Size:	5217 bp
RefSeq ORF:	525 bp
Locus ID:	5869
UniProt ID:	P61020
Cytogenetics:	12q13.2
Protein Families:	Druggable Genome
Protein Pathways:	Endocytosis
MW:	19.1 kDa
Gene Summary:	<p>Protein transport. Probably involved in vesicular traffic (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) lacks an exon in the coding region but maintains the reading frame, compared to variant 1. the encoded isoform (2) is shorter than isoform 1.</p> <p>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.</p>