

Product datasheet for **SC317310**

RAB6B (NM_016577) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RAB6B (NM_016577) Human Untagged Clone
Tag:	Tag Free
Symbol:	RAB6B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317310 representing NM_016577. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**
 ATGTCCGAGGGGAGATTTTGGGAATCCACTGAGAAAATTCAAGTTGGTGTCTTGGGGAGCAGAGC
 GTCGGGAAGACGTCTCTGATTACGAGGTTTCATGTACGACAGCTTCGACAACACATACCAGGCAACCAT
 GGGATTGACTTCTTGTCAAAACCATGTACTTGGAGGACCGCACGGTGCGACTGCAGCTCTGGGACACA
 GCTGGTCAGGAGAGGTTCCGCAGCCTGATCCCCAGCTACATCCGGGACTCCACGGTGGCTGTGGTGGTG
 TACGACATCACAATCTCAACTCCTTCCAACAGACCTCTAAGTGGATCGACGACGTCAGGACAGAGAGG
 GGCAGTGATGTTATCATCATGCTGGTGGCAACAAGACGGACCTGGCTGATAAGAGGCAGATAACCATC
 GAGGAGGGGGAGCAGCGGCCAAGAAGTGAAGCTCATGTTTCATTGAGACCAAGTGCAGAGACTGGCTAC
 AACGTGAAGCAGCTTTTTCGACGTGTGGCGTCGGCTCTACCCGGAATGGAGAATGTCCAGGAGAAAAGC
 AAAGAAGGGATGATCGACATCAAGCTGGACAAACCCAGGAGCCCCGGCCAGCGAGGGCGGCTGCTCC
 TGCTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_016577
Insert Size:	627 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).


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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:	NM_016577.3
RefSeq Size:	5561 bp
RefSeq ORF:	627 bp
Locus ID:	51560
UniProt ID:	Q9NRW1
Cytogenetics:	3q22.1
Domains:	ras, RAN, RAS, RHO, RAB
Protein Families:	Druggable Genome
MW:	23.5 kDa
Gene Summary:	Seems to have a role in retrograde membrane traffic at the level of the Golgi complex. May function in retrograde transport in neuronal cells.[UniProtKB/Swiss-Prot Function]