

Product datasheet for SC108037

RAB24 (NM_130781) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RAB24 (NM_130781) Human Untagged Clone
Tag:	Tag Free
Symbol:	RAB24
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_130781 edited ATGGCCCCGATCTCTCCCTCTCGTTGCAGACCATCGGGGCCCTTCGTGGCCAAGGTG ATGTCGGTCGGAGACCGGACTGTGACATTAGGTATTTGGGACACAGCAGGCTCTGAGCGC TATGAGGCCATGAGTAGAATCTACTATCGGGGTGCCAAGGCTGCCATCGTCTGCTATGAC CTCACAGACAGCAGCAGCTTTGAGCGAGCAAAGTTCTGGGTGAAGGAACTGCGCAGCCTA GAGGAGGGCTGCCAAATCTACTTATGTGGCACCAAGAGTGACCTGCTGGAAGAAGACCGG AGGCGTCGACGTGTGGACTTCCACGACGTCCAGGACTATGCAGACAGTAGCTGCTCCTCA GCCCTTTGGGGGTGGGGGTGTGTGGCTGTCTGGGTGGATCAAAGAAAATAGGGACTGCC TTGGCTGCCAGGGCAAGGTGCTCTAGGAGGTCTTCTGGCCTCCTTGA
5' Read Nucleotide Sequence:	>OriGene 5' read for NM_130781 unedited TCGGATTTTGTAAATACGACTTCACTATAGGGCGCCGCGAATTCGCACGAGATCCCAGC CAGAACGGAGCTTAAGCCGGGCAGGCGAGCGAATGACGGAGTAGCGAGCTGCACGGCGGC GTGCTGCGCTGTTGAGGACGCTGTCCCAGCGCTCCCAGGCCGCCGAGGCTTGGGGTCT TTCGAAGGATAATCGGCGCCCGGGCCGAACAGCGGGGACACGGGGCGCTGCCGAAAGT GCAAGGCCACGGCCAGAGCTCGAGCCGACGCGCTGTCTGGAGTCGTAGGTTGGCGCCGT TTGGGGTCGGGGTCTGAGGCTTGGGCGCTGCCTGGGCCGAGCGGAGATCGGGTTCCT CCCGTCCCCTCAAGACCCTGACGTGGCTGAGCGGCCCGGGGAGCATGAGCGGGCAGC GGGTGGACGTCAGGTGGTGATGCTGGCAAGGAGTACGTGGCAAGACTAGCCTGGTGG AGCGCTACGTGCACGACCGCTTTCTGGTGGGGCTTATCAGAACGTGAGTGCATCCGGAG GGGCCAGGCACNGGTGGGCGNGGAGTGGGGGGCCGTAATCTGCACCTATGGCCCCGAT CTCTTCCCTCTCGTTGCAGACCATCGGGGCCCTTCGTGGCCAAGGTGATGTCGGTTCGG AGACCGGACTGTGACATTAGGTATTTGGGACACAGCAGGCTCTGAGCGCTATGAGCCAT GAGTAGAATCTACTATCGGGGTGCCAAGGCTGCCATCGTCTGCTATGACCTCACAGACAG CAGCAGCTTTGAGCGAGCAAAGTTCTGGGTGAAGGAACTGCGCAGCCTAGAGGAGGGCTG CCAAATCTACTTATGTGGCACCAAGAGTGACCTGCTGGAAGAAGACCGNAGCGTGCAGCT GTGGACTCCACGACGTNCAAGACTATGCAGACAGTACTGCTCTAACCTTTNGGGGTGGG GGGGGTTGGCTT



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Restriction Sites:	NotI-NotI
ACCN:	NM_130781
Insert Size:	1800 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:	<u>NM_130781.1</u> , <u>NP_570137.1</u>
RefSeq Size:	1608 bp
RefSeq ORF:	468 bp
Locus ID:	53917
UniProt ID:	<u>Q969Q5</u>
Cytogenetics:	5q35.3
Domains:	ras, RAS, RHO, RAB
Protein Families:	Druggable Genome
Gene Summary:	<p>RAB24 is a small GTPase of the Rab subfamily of Ras-related proteins that regulate intracellular protein trafficking (Olkkonen et al., 1993 [PubMed 8126105]).[supplied by OMIM, Aug 2009]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR, compared to variant 1. Both variants 1 and 2 encode the same protein.</p>