

Product datasheet for **SC317301**

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: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >SC317301 representing NM_130781.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAGCGGGCAGCGCGTGGACGTCAAGGTGGTGTGCTGGGCAAGGAGTACGTGGGCAAGACTAGCCTG
GTGGAGCGCTACGTGCACGACCGCTTTCTGGTGGGGCCTTATCAGAACACCATCGGGGCCCTTCGTG
GCCAAGGTGATGTCGGTCGGAGACCGGACTGTGACATTAGGTATTTGGGACACAGCAGGCTCTGAGCGC
TATGAGCCATGAGTAGAATCTACTATCGGGGTGCCAAGGCTGCCATCGTCTGCTATGACCTCACAGAC
AGCAGCAGCTTTGAGCGAGCAAAGTTCTGGTGAAGGAAGTCCGAGCCTAGAGGAGGGCTGCCAAATC
TACTTATGTGGCACCAAGAGTGACCTGCTGGAAGAAGACCGGAGCGTGCAGTGTGGACTTCCACGAC
GTCCAGGACTATGCAGACAATATCAAAGCTCAGCTCTTTGAAACATCCAGCAAGACAGGCCAGAGTGTG
GACGAGCTCTTCCAGAAAGTGGCAGAGGATTACGTCAGTGTGGCTGCCTTCCAGGTGATGACAGAGGAC
AAGGGCGTGGATCTGGGCCAGAAGCCAAACCCCTACTTCTACAGCTGTTGTATCACTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGGC
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Restriction Sites: Sgfl-Mlul

Plasmid Map: □

ACCN: NM_130781

Insert Size: 612 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_130781.3
RefSeq Size:	1546 bp
RefSeq ORF:	612 bp
Locus ID:	53917
UniProt ID:	Q969Q5
Cytogenetics:	5q35.3
Domains:	ras, RAS, RHO, RAB
Protein Families:	Druggable Genome
MW:	23.1 kDa
Gene Summary:	<p>RAB24 is a small GTPase of the Rab subfamily of Ras-related proteins that regulate intracellular protein trafficking (Oikkonen 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>