

Product datasheet for **SC302606**

RAB40AL (NM_001031834) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RAB40AL (NM_001031834) Human Untagged Clone
Tag:	Tag Free
Symbol:	RAB40AL
Synonyms:	MRXSMP; RAR2; RLGP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC302606 representing NM_001031834. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
ATGAGCGCCCCGGGCAGCCCCGACCAGGCCTACGACTTCTGCTCAAGTTCCTGCTGGTGGGCGACAGG
GACGTAGGCAAGAGTGAGATCCTGGAGAGCCTGCAGGACGGCACGGCCGAGTCCCGTACAGTCACCTG
GGGGGAATCGACTACAAGACGACCACCATCTGCTGGACGGCCAGCGGGTGAAGCTGAAGCTCTGGGAT
ACGTCGGGGCAGGAAGATTTTGTACCATATTCGCTCCTACTCTCGTGGTGCACAAGGAGTGATCCTG
GTCTACGACATTGCAAACCGCTGGTCTTTCGAGGGTATGGATCGATGGATTAAGAAGATTGAGGAACAT
GCCCTGGTGTCCCTAAATCCTGGTGGGAATCGCCTACATCTGGCATTCAAGAGGCAGGTGCCCAGG
GAGCAGGCCCAGGCCTACGCCGAGCGCCTGGGCGTGACCTTCTTTGAGGTGAGCCCTCTGTGCAATTTT
AACATCATAGAGTCTTTCACGGAGCTGGCCAGGATAGTGCTGCTGCGGCACAGGTTGAAGTGGCTCGGG
AGGCCGAGCAAGGTACTGAGCTTGAAGACCTCTGCTGCCGACCATCGTGTCTGCACACCTGTGCAT
CTGGTGGACAAGCTCCCGCTCCCATTCGCTTAAGAAGCCACCTCAAGTCCTTCTCCATGGCTAAGGGC
CTGAATGCCAGGATGATGCGAGGCCTCTCCTACTCCCTCACCACAGCTCCACTCACAAAAGGAGCAGC
CTCTGCAAAGTGAAGATCGTCTGCCACCCAGAGCCACCCAAAACTGCACCAGAAACAGCTGCAAA
ATTCTTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001031834
Insert Size:	837 bp



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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).
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:	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_001031834.1</u>
RefSeq Size:	1029 bp
RefSeq ORF:	837 bp
Locus ID:	282808
UniProt ID:	<u>P0C0E4</u>
Cytogenetics:	Xq22.1
MW:	31.2 kDa
Gene Summary:	This gene encodes a member of the Rab40 subfamily of Rab small GTP-binding proteins that contains a C-terminal suppressors of cytokine signaling box. Disruptions in this gene are associated with Duchenne muscular dystrophy. [provided by RefSeq, Apr 2010]