

Product datasheet for **SC302663**

RAB41 (NM_001032726) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RAB41 (NM_001032726) Human Untagged Clone
Tag:	Tag Free
Symbol:	RAB41
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	<p>>OriGene sequence for NM_001032726 edited</p> <p>CAGGCTGAGCGTTGGAAGCCATTTTGGCTGCAGCCTACCTGAAGCGATGTCTGCCTTTGG TCACGACGAGGCGCTGGATGGAGGCCGAGGCTTTGGTCTGGAGGCTGCCGAAAGAACGGA ATACCAGTCTCTGTGCAATCTAACTCTTATTCTGGGAGAGCAGAGCGGGAAGACATC CATCATCAGCCGCTTCATGTACAACAGCTTCGGCTGCGCCTGCCAGGCAACTGTTGGAAT TGACTTCTTGTCTAAGACCATGTACTTGGAGGACCAATAGTTTCAGCTGCAGCTATGGGA CACAGCTGGCCAGGAGCGCTTTCACAGCCTAATTCCTAGCTACATTCTGTGATTCAACTAT TGCAGTGGTTGTCTATGACATTACAAACATCAATTCTTTAAGGAGACAGATAAGTGGGT AGAACACGTGCGAGCAGAAAGAGGTGACGATGTTGTATCATGTTGTTGGGTAACAAGAT TGATTTGGATAACAAAAGACAAGTCACTGCAGAACAGGGTGAAGAAAAATCCAGAAACCT CAATGTGATGTTTATTGAGACCAGTGCCAAAACCGGTTACAACGTGAAAAAGCTGTTCCG GCGTGTGGCTTCTGCCCTTCTTTCCACAAGGACTTCACCTCCACCAAAAGAGGGGACGGT TGAAATCGAACTGGAATCCTTCGAGGAGTCAGGCAACAGAAGCTATTGTTGACAGCTTAG GCTTTCTCTGCCTCATTTGATGGATTTCTTACATTTGGGCTTGCCATACCAGTTCTCCTC CCCACCTCG</p>
Restriction Sites:	Please inquire
ACCN:	NM_001032726
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:	The open reading frame of this TrueClone was fully sequenced and found to differ from the protein associated to this reference by a single amino acid.


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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_001032726.1, NP_001027898.1</u>
RefSeq Size:	1028 bp
RefSeq ORF:	669 bp
Locus ID:	347517
UniProt ID:	<u>Q5JT25</u>
Cytogenetics:	Xq13.1
Protein Families:	Druggable Genome
Gene Summary:	This gene encodes a small GTP-binding protein that belongs to the largest family within the Ras superfamily. These proteins function as regulators of membrane trafficking. They cycle between inactive GDP-bound and activated GTP-bound states, which is controlled by GTP hydrolysis-activating proteins (GAPs). This family member can be activated by the GAP protein RN-Tre, and it is localized to the Golgi complex. [provided by RefSeq, May 2010]