

Product datasheet for **SC322424**

RAB3D (NM_004283) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RAB3D (NM_004283) Human Untagged Clone
Tag:	Tag Free
Symbol:	RAB3D
Synonyms:	D2-2; GOV; RAB16; RAD3D
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for SC322424
 GCCCGCGCGGATCCGGGTGGCTGCAGGCTGCTGGCTTCTGCGGCTGCGGGTTCGGGGT
 GCGGCCAGGGCCAAGCCGAGCGAGTTACAGGCGGAACCCCTGCAGGCGGCGCCCTA
 CGCGAGGTCACCCCTGGGAAGGAGCGCAGCCCACCCGGCCCTCCGCATCCGAGCAGGAC
 GCCCGTCTCTCTCCCTGAGGATTTAGGTCTCCCTGTCCCAGGAGGCTTGTGCCAAGAT
 GGCATCAGCTGGAGACACCCAGGACGGCCACGGGATGCAGCAGATCAGAACTTCGACTA
 TATGTTCAAAGTCTACTGATAGGCAACAGCAGTGTGGCAAGACTTCTTCTGTTCGG
 ATACGCGGACGACTCCTTCACTCCGCTTCGTAGTACTGTGGGCATCGATTTCAAGT
 CAAGACCGTCTACCGCCATGACAAGAGGATCAAGCTGCAGATCTGGGACACAGCGGGCCA
 GGAGCGCTACCGCACCATCACCACGGCCTACTACCGGGGAGCCATGGGCTTCTGCTCAT
 GTATGACATCGCCAATCAGGAATCCTTTGCCGCTGTGCAGGACTGGGCCACGAAATCAA
 GACCTACTCTGGGACAACGCCAGGTATCCTGGTGGGAACAAGTGTGACCTGGAGGA
 CGAACGTGTTGTGCTGCTGAGGATGGCCGGAGGCTCGCCGACGACCTTGGTTTCGAGTT
 CTTTGAAGCCAGTGCCAAGGAGAACATCAATGTGAAGCAGGTCTTCGAGCGCCTGGTGA
 TGTCATCTGCGAGAAGATGAACGAGTCCCTGGAACCCAGCTCCAGCTCAGGCAGCAACGG
 GAAAGGCCCGGCGTGGGGGATGCTCCAGCCCCCAGCCAGCAGCTGCAGCTGTAGAG
 ATGGCCCCCAACCCCCACCCCTCTCTGCTCGGCAAGGACTGTGATCGAGGCGT
 GAGCCACAGTGGTTATCTCCAAGCTCAGGGCAATCCCTTCCCTCTGCAACTGCTCCCC
 GACTCCTGCATGGCTCATTCTTCAATGTGCGCGTGGCTGCCAGGTTCTCAGGCAGC
 CCCGGTGGGAGGCTGCGGACCATGGGGACTCAGCTCTGCATGGCAGGCAGAGGCCAGGG
 ACACTGACGTGCATGAGCTTGTGCTTTCCAGGGTGTGTTGAGGGTGGCCATGGGTGACA
 CGTCCCCTCTTCTGATGGAGGGCATCCGTGGTGCCTTCTAGCTTAGAACCATTTTCC
 AGGTCTTCTGGGTTGGGCAGGACTGATATCCCAAGCTGGTGAAGATGGTTTCATCTT
 CCTCGCACAGTGTGGGTTCTGGAGTTTCCAGGGAAGCGGCGCCTCTTCTCAGGTC
 CTGCAAGCTGGTCTCTGAGCCTGCCCCACGAACCTTCTGGATTCCAAGTGGGATGGTG
 ATCCCTTTGACCCTGCAGACCCTACTTGCAGAAAAGCAGCATTGAAGCAGCCTTTTCC
 CATTGTAGAAGGGACAGGGAGTCAGATCCCCTCAACCCCCGGCTTCAGGGACCCAGAA
 GTGCCTTCCAAGCTTCCCCAAGATCCACATCACCCACGACCCTGCCACTGTTTTGCTG
 TGTTACCACATCTCTGATCCTGAAGTGAATTCTGGAATATGGACCACATTAGACTGGG
 CAGAGATTCGCCAACCCCTAGCACTCCGGCTCTGGGCTTTCGGCCAGAAGTTAATTAAC
 CTCAGAGCCAGGAGCCTGGGGCTGGGGCCTCCCTCCCAGGCCCTGTTTAGCTGTTAGCT
 GGTGTGTTTTAAGCAAGTTCTTCCCAATCATGCATCCTGCTAGAAAAGGAAATGAAGC
 AACGTTCCAGCCACCGCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_004283

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:	<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_004283.2 , NP_004274.1
RefSeq Size:	1904 bp
RefSeq ORF:	660 bp
Locus ID:	9545
UniProt ID:	O95716
Cytogenetics:	19p13.2
Domains:	ras, RAN, RAS, RHO, RAB
Protein Families:	Druggable Genome
Gene Summary:	Protein transport. Probably involved in regulated exocytosis (By similarity).[UniProtKB/Swiss-Prot Function]