

Product datasheet for **SC320415**

Rab9 (RAB9A) (NM_004251) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rab9 (RAB9A) (NM_004251) Human Untagged Clone
Tag:	Tag Free
Symbol:	Rab9
Synonyms:	RAB9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_004251.3
 CTCTGTCCTCATTGCGCCAGACGGGCCGCCCAGAGCTCCCGGGTCGTCTTTCGTGTGG
 CCGCGAGACACTCTTGCACTCTGTAAATGAGCCTGGCACTGTGATGAAACACTTTTCCCG
 TGTCGTTTGAGTGCATCTTCTCAACAACCCTAGGAGGGTTCTTGAAGCTTTTGAGATTAA
 CAATGGCAGGAAAATCATCACTTTTTAAAGTAATTCTCCTTGGAGATGGTGGAGTTGGGA
 AGAGTTCACTTATGAACAGATATGTAATAAAGTTTGATACCCAGCTTCCATACAA
 TAGGTGTGGAATTTTTAAATAAAGATTTGGAAGTGGATGGACATTTTGTACCATGCAGA
 TTTGGGACACGGCAGGTCAGGAGCGATTCCGAAGCCTGAGGACACCATTTTACAGAGGTT
 CTGACTGCTGCCTGCTTACTTTTAGTGTCGATGATTCACAAAGCTTCCAGAACTTAAGTA
 ACTGGAAGAAAAGAATTCATATATTATGCAGATGTGAAAGAGCCTGAGAGCTTTCCTTTTG
 TGATTCTGGGTAACAAGATTGACATAAGCGAACGGCAGGTGTCTACAGAAGAAGCCCAAG
 CTTGGTGCAGGGACAACGGCAGCTATCCTTATTTTGAAACAAGTGCAAAAAGATGCCACAA
 ATGTGGCAGCAGCCTTTGAGGAAGCGGTTCAAGAGTTCTTGCTACCGAGGATAGGTCAG
 ATCATTGATTGACAGACACAGTCAATCTTCCGAAAGCCCAAGCCTAGCTCATCTT
 GCTGTTGATTGTTAGATTGTTGATGCAATTAACCAACTCACACATATACACAAAATCAA
 CATGGGGATGGAGAAGAGAATTAGCGTTTGCAGCAGTGTATCATCTACTAATAAAAATTA
 ACTAATGTTGCTGCTTCATTAGTTGGTGGGAGAAGGGACACATCCACTCTGGAGGAATA
 TATTTACTCAATAATGGCACCTTACATTTATAAATTGTAACAGTTGTCTAATAACGTTTC
 TTTAATTTAAATATGTAAGTTGCAGAGCTAATAAATGAAATGACCAAGACTTTAATTATA
 AAAAAAAAAAAAAAAAAA

Restriction Sites:	Please inquire
ACCN:	NM_004251



[View online »](#)

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_004251.3 , NP_004242.1
RefSeq Size:	1097 bp
RefSeq ORF:	606 bp
Locus ID:	9367
UniProt ID:	P51151
Cytogenetics:	Xp22.2
Domains:	ras, RAN, RAS, RHO, RAB
Protein Families:	Druggable Genome
Gene Summary:	<p>Involved in the transport of proteins between the endosomes and the trans Golgi network. Involved in the recruitment of SGSM2 to melanosomes and is required for the proper trafficking of melanogenic enzymes TYR, TYRP1 and DCT/TYRP2 to melanosomes in melanocytes.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes the longer transcript. Variants 1 and 2 both encode the same protein.</p>