

Product datasheet for **SC319571**

RAB20 (NM_017817) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RAB20 (NM_017817) Human Untagged Clone
Tag:	Tag Free
Symbol:	RAB20
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	<p>>OriGene sequence for NM_017817.1</p> <pre> GTGGGCTCCGTGCTCTGCACCCAGCTCCTTCCCAGGCGCGCACACGCGCTTCTCTCTTG AGTCCCAGGGGCGTCCGGAGGCGAAGGTCCCAGGAGCGTTACGAGAATCCGGGTCCCAGG AGTCCCAGGGTCCGCTCCTCCAGCTGCGCCAGGGCGCACGAGCCGCGCCAGCCTCGGGGAG AGGGCGCGGGGGCGCTGGGGGTTCTTACGGGAAGATGAGGAAGCCCGACGCAAGATCGT GCTCCTGGGGGACATGAACGTGGGGAAGACGTGCTGCTGTCAGCGGTATATGGAGCGGCG CTTCCCAGACACGGTCAGCACGGTGGGCGGCGCCTTCTACCTGAAGCAGTGGCGCTCCTA CAACATCTCCATCTGGGACACCGCAGGGCGGGAGCAGTTCACGGCCTGGGCTCCATGTA CTGCCGGGGGGCGGCCCATCATCCTCACCTATGATGTGAATCACCGGCAGAGCCTGGT GGAGCTGGAGGACCGGTTCTGGGCTGACAGACACAGCCAGCAAAGACTGCCTTTCGC CATCGTGGGGAACAAAGTGGACCTCACTGAGGAGGGGGCCTTGGCGGGCCAGGAGAAGGA AGAGTGCAGTCCCAATATGGACGCTGGGACCGTGTCTCCCAAGGGCACCTAAGCAGGT GCAGCTGGAGGATGCGGTGGCCCTTTATAAAAAGATCCTCAAGTACAAGATGCTGGATGA GCAGGATGTGCCGGCGCTGAGCAAATGTGCTTTGAGACCAGCGCAAGACCGGTACAA TGTGGACCTCCTGTTGAGACCTCTTTGACCTGGTGGTGCCAATGATCTTACAGCAGAG AGCTGAGAGGCCGTACACACAGTGGATATATCCAGTCATAAGCCACCAAGAGGACCAG ATCTGGGTGTTGCTGACTTTCGAGGGCCTCCTGGACTCAGACTGTGCATGTTGGGAA GGGGTCTGACCAGCAAGCTGTGATCTGAAAGGAGCAAGGAACAGCAAGGAATTATTTTC CAGAATGACACCCGACGAGAATGTTGGAGTGGAAATGATGGCTGGCTATGAAGAGGAGG TCAACGTGTGTGCTCCTCAGTCTCTGTGAGAGGGGTGGGAGGTGGGAAACAGGAATC CTCTGAAAGCCCAATCTGCAGAGTCGAGACCCCTGGTGTCTCTGCCCCGCTGCCTGGC ACTGGTCTTTGACGCCAGCCACCAACGGCCCCCTTGGCCTTGCAGAGGCAGAAGCCTGC GTCTGCACCTGCACCTCTGACCGTTTCAGCACCTGGGTTGTTACCACGTCTTACAACTC TGACATTTCTTGTCTCAAGCGTTTCTCTTCACTGTGAGTTGTCTTTGGTCTCCCACTT GGTACTTGTATCTTGATGCTTTATAATCCTGACTCTCGACGTGTTTATTTATAAAAATC AGGAATAACTTTGTTTTTATACTGATTGCAGCAATGTTGGCTACATGTATTATTAAGAG GATTTTTGGACCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA </pre>
Restriction Sites:	Please inquire



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ACCN:	NM_017817
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:	<u>NM_017817.1</u> , <u>NP_060287.1</u>
RefSeq Size:	1530 bp
RefSeq ORF:	705 bp
Locus ID:	55647
UniProt ID:	<u>Q9NX57</u>
Cytogenetics:	13q34
Domains:	ras, RAS, RHO, RAB
Protein Families:	Druggable Genome
Gene Summary:	Plays a role in apical endocytosis/recycling. Plays a role in the maturation and acidification of phagosomes that engulf pathogens, such as S.aureus and M.tuberculosis. Plays a role in the fusion of phagosomes with lysosomes.[UniProtKB/Swiss-Prot Function]