

Product datasheet for SC108425

RAB22A (NM_020673) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RAB22A (NM_020673) Human Untagged Clone
Tag:	Tag Free
Symbol:	RAB22A
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_020673 edited

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GCGGCCGCGAATTCGGCACGAGGCCAAAATGGCGGCGGGCGGCTCCCGGAAGGCCGC
GGCGGCGTCCCGGCTGCTAAGGCGGGCCCCACGCGGCTGGCAGCGGACAGGCCGGACCTA
CGGCCGGAGGACGGGCGGCGAGCCGCTCTGCGCGGACCGGGGCTGGGCCGTGCGGCGGCA
GCGGCGCCAGGGGATGCTCTTGCTGGGCTGGCCTCTCCCTTCTCAACTTAGGGCGGCGG
CGGGCCCGCGCCCTGGCTCCCGGGCCATGGCGCTGAGGGAGCTCAAAGTGTGTCTGCTC
GGGATACAGGTGTAGGTAATCGAGTATTGTGTGGCGTTTGTGGAAGACAGTTTTGAT
CCAAACATCAACCAACAATAGGGGCATCTTTATGACCAAGACTGTCCAGTACCAAAAT
GAGCTACATAAAATTCCTAATCTGGGATACAGCTGGACAAGAACGATTTTCGTGCCTTAGCA
CCAATGTACTATCGAGGGTCGGCTGCAGCTATAATCGTTTATGATATCACAAAAGAAGAG
ACATTTTCAACATTAAGAATTGGGTGAAAGAGCTTCGACAGCATGGCCACCTAATATT
GTAGTTGCCATTGCAGGAAATAAATGTGATCTTATCGATGTAAGAGAAGTCATGGAGAGA
GATGCAAAGGACTACGCCGACTCTATTCATGCAATTTTTGTAGAGACCAGCGCAAAAAAC
GCGATAAACATAAATGAACTCTTTATAGAAATTAGTCGAAGAATTCCATCCACTGACGCC
AACCTGCCATCTGGCGTAAGGGCTTCAAACCTCCGAAGACAGCCTTCAGAGCCAAAGCGG
AGCTGCTGCTGACCGAACCTCAGCCTCTCAGACTTGATGATGAAGTAGGTGGTCTTGAA
GTAAACAGGAGGGCTGGGGTCCCTGCCACCAGTTTTACCTAGCCAGTCTTGAGTCTTCT
CCGTGCAAAAAGGATTCACAGAAATGGACCAGTTCTGTTCTCAAAGACTGCAGCAATGA
TATTTTCAGTCTGTGAACCTCTATTATGTAAGAATCTCTAGTGTACAAAGGGACTACATC
GTTGGCTTTTGACCTTGCTGAA
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_020673 unedited</p> <pre>GGTCGAATTTGTATACGACTCCTATAGGGCGGCCGCAATCGGCACGAGGCCAAGAGGC GGCGGGCGGGCTCCCGGAAGCCGCGGGCGGCTCCCGGCTGCTAAGGCGGGCCCCACGCG GCTGGCAGCGGACAGGCCGGACCTACGGCCGGAGGACGGGCGGCAGCCGCTCTGCGCGG ACCGGGGCTGGCCGTGCGGGCGGAGCGGCCAGGGGATGCTCTTGCTGGGCTGGCCT TCCCTTCTCAACTTAGGGCGGGCGGGCCCGCCCCCTGGCTCCCGGGCCATGGCGCT GAGGGAGCTCAAAGTGTGTCTGCTCGGGGATACAGGTAGGTAATCGAGTATTGTGTG GCGGTTTGTGGAAGACAGTTTTGATCCAAACATCAACCAACAATAGGGGCATCTTTTAT GACCAAGACTGTCCAGTACCAAAATGAGCTACATAAAATCCTAATCTGGGATACAGCTGG ACAAGAACGATTTTCGTGCCTTAGCACCATGACTATCGAGGGTCGGCTGCAGCTATAAT CGTTTATGATATCACAAAAGAAGAGACATTTTCAACATTAAGAATTGGGTGAAAGAGCT TCGACAGCATGGCCACCTAATATTGTAGTTGCCATTGCAGGAAATAAATGTGATCTTAT CGATGTAAGAGAAGTCATGGAGAGAGATGCAAAGGACTACGCCACTCTATTCATGCCAT TTTTGTAGAGACCAGCGCANNANACGCGATANACATAAATGAACTCTNTATAGAAAATAG TCGAAGAATCCATCCACTGACGCCAACCTGCCATCTGGCGGGTAGGGGCTTCAACTCCG AAGACAGCCTTCAGAGCCAAAGCGGAGCTGCTGCTGACCGAACCTCAGCCTCTCAGACTG TGATGAAAN</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_020673 unedited</p> <pre>TCATGCTTTTTTTTAGAGATTTAAAAACCTCATTAGCTCCCTGNAGGGAAAAGAGTGTTA ACCACTAACAGAGGCAGGNGGAAAAATAAAGGAAACAGAAAGATAAGCTAAATTGTTAAC AAGGAAAGCTCCTCAGTTGGTCTGAGGATGCTGTACAAGCTAAAAGAACTTATTACCAA GACCAGGTAATGACTTGAGTTGGAGCTTAATCTTTTACCCTCAGGCTAGTAAGGACTA GTCAGGTTTGTCAAAGTGGCATATGCTTTTATTATGATTTCCAGATGGGATCTGGTGGGA GGCGGGTGGGTAGAAGGGAAGGCAGAGAAACCTTTAAAGATTGTAAGCTAAGTGCTCTAT ACCTTTATACAATACCAATGTGCTTGAGTCTCCCGTTAAGAGGCTGAAAACCTGGGCGGC ATACGCAAGACTGGGTGCGAGATTCAATGGAATGTCAAATGAACTTAGAATTTATTAAT GTATTTACATAATTTATAATCTTTAAGCAATGGCCCCATAAATATAGACTACAACTTTAC ATATGCTAAGCAATAGATACTTGCTTTTCCCACCAAAATACTGGGTTAAAAAAAATT GACAGCATTTATACCACCTTCTCACTTCCACTTCTTCTTTNTAAACCATTGCTAGT CATTTTAGAACATATGAAATTCAGTTTATCCGGGCAGCTNCTCTACCATCACCATCTTG ATCATGAGAGCTATTTAAAAAGGTGCCAANTACGTGTTTGGGTGCACACACATGACAAG GTCAGAAGCAAACCCACGATGAGCTAGGCATCTGCTGCTATCATGGTAATTAAGGACGT ATCCTAAGCTACATGTTTATGAAAAGTGTGAGATGCANAATGAAATCTTCCATCAGCC TTAATACCCTTTTACTTCAACATAATGCCTCCTCTAACTTCTCTTATGTAAGATCAC TCTCTAAGGGGACGAACAGGATTTATTTCCAGTTGTTTTTCTAGAC</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_020673
Insert Size:	2440 bp
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).
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_020673.2 , NP_065724.1
RefSeq Size:	8702 bp
RefSeq ORF:	585 bp
Locus ID:	57403
UniProt ID:	Q9UL26
Cytogenetics:	20q13.32
Domains:	ras, RAN, RAS, RHO, RAB
Protein Families:	Druggable Genome
Protein Pathways:	Endocytosis
Gene Summary:	The protein encoded by this gene is a member of the RAB family of small GTPases. The GTP-bound form of the encoded protein has been shown to interact with early-endosomal antigen 1, and may be involved in the trafficking of and interaction between endosomal compartments. [provided by RefSeq, Jul 2008]