

Product datasheet for **SC122363**

ARAP3 (BC009968) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ARAP3 (BC009968) Human Untagged Clone
Tag:	Tag Free
Symbol:	ARAP3
Synonyms:	ARF-GAP, RHO-GAP, ankyrin repeat and plekstrin homology domains-containing protein 3; Arf and Rho GAP adapter protein 3; ArfGAP with RhoGAP dom; centaurin, delta 3; CENTD3; DRAG1; FLJ21065; phosphoinositide binding protein; PtdIns(3,4,5)P3-binding protein
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for BC009968 edited
 GGCACGAGGCCACGGGTGGGGCTGTTGCGGTGTCGTGAGGAGCCACCTCGCTTGTCTGGG
 AAGCCGCTTCCAGGAGAGGTTCTTTCTGCTGCGTGGCCGCTGCCTGCTGCTCAAGGA
 GAAGAAAAGCTCTAAACCAGAACGGGAGTGGCCTTTGGAAGGTGCCAAGGTCTACCTGGG
 AATCCGCAAGAAGTTAAAGCCCCAACACCGTGGGGCTTACATTGATACTAGAGAAGAT
 GCACCTCTACTTGTCTGCACTGACGAGGATGAAATGTGGGATTGGACCACCAGCATCCT
 TAAAGCCAGCAGCATGACCAGCAGCCAGTGGTCTTACGACGCCATTCCCTCTGACCT
 TGCCCGTCAGAAGTTTGGCACTATGCCTTTGCTGCCTATCCGTGGGGATGACAGTGGAGC
 CACCCTCCTCTGCCAATCAGACCCTGCGGCGACTACACAACCGGAGGACCCTGTCCAT
 GTTCTTTCCAATGAAGTCATCCCAGGGTCTGTGGAGGAGCAAGAGGAGCTGGAGGAGCC
 TGTGTACGAGGAGCCAGTGTATGAGGAAGTAGGGGCTTCCCTGAGTTGATCCAGGACAC
 TTCTACCTCCTTCCACCACACGGGAGTGGACAGTGAAGCCAGAGAACCCCTCACCAG
 CCAGAAGTCATTGGATCAACCCTTTCTCCAAGTCAAGCACCTTGCCAGGAGGAGAG
 GCCACCTGAGCCCCCTCAGGCCCTTCAAAGAGCAGTCCCCAGGCACGGGGTCCCT
 AGAGGAACAGCTGCTCCAGGAGCTCAGCAGCCTCATCCTGAGGAAAGGAGAGACCCTGC
 AGGCTGGGAAGTCCTTCCAGCCAACAGCCCCAATCCCCAGCCCCACTGGCCTTCC
 AACACAGACACCTGGCTTCCCCACCAACCCCATGCACTTCCAGTCCACCTCCAGCCA
 GCCCTCATATGACCCTAGGACCAGCAGTCTGAGAGGGTAGGTACCAGAAGACCCAGAAA
 CTCTTATCGTGGCACTGTTGCAGCTTCTCTGCCCTGGCTGGAAAGACTCCAGAAATCCAG
 TGTGGTGTGTGGAAGGAGCACTGGACTAAAGGCTTCAAGTGGCTGCGTGTCCAGGACAG
 GTCATGGCCCCTCTCTGGGCCAGCCATTTATCTATACCATGAGGTAAGTGAAGTAAGG
 AGAGCAGTGAATGTCAAAGTGTGTTTCTTAGAGCCATAAGCCCCACATATTATCCCTGAA
 CAAGGGCAGCTCCTGCTTATATATTTGATACGTAGGGTCCATGAGAGATTTTGGGTT
 TTAAGGAATGGTTTTACTGCATTAAAGAAAAAATGCTTTGGAACCCAGAAAAA
 AAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for BC009968 unedited
 CCGCCAGTCGGGATTNTGTATACGACTTACTATAGGCGCCGCAATTCGCACGAGCCC
 ACGGGTGGGGCTGTTGCGGTGTCGTGAGGAGCCACCTCGCTTGTGGGAAGCCGCTTCCA
 GGAGAGTTCCTTTCTGCTGCGTGGCCGCTGCCTGCTGCTCAAGGAGAAGAAAAGCTC
 TAAACCAGAACGGGAGTGGCCTTTGGAAGGTGCCAAGGTCTACCTGGGAATCCGCAAGAA
 GTTAAAGCCCCAACACCGTGGGGCTTACATTGATACTAGAGAAGATGCACCTCTACTT
 GTCCTGCACTGACGAGGATGAAATGTGGGATTGGACCACCAGCATCCTTAAAGCCAGCA
 CGATGACCAGCAGCCAGTGGTCTTACGACGCCATTCCCTCTGACCTTGCCCGTCAGAA
 GTTTGGCACTATGCCTTTGCTGCCTATCCGTGGGGATGACAGTGGAGCCACCTCCTCTC
 TGCCAATCAGACCCTGCGGCGACTACACAACCGGAGGACCCTGTCCATGTTCTTTCCAAT
 GAAGTCATCCCAGGGTCTGTGGAGGAGCAAGAGGAGCTGGAGGAGCCTGTGTACGAGGA
 GCCAGTGTATGAGGAAGTAGGGGCTTCCCTGAGTTGATCCAGGACACTTCTACCTCCTT
 CTCCACCACACGGGAGTGGACAGTGAAGCCAGAGAACCCCTCACCAGCCAGAAGTCATT
 GGATCAACCCTTTCTCTCCAAGTCAAGCACCTTGCCAGGAGGAGAGGCCACCTGAGCC
 CCTCCAGGCCCTTCAAAGAGCAGTCCCAGCACCGNGGTCCCTAGAGAACAGCTGC
 NTCAGAGCTCAGCACCTCATCCTGAGAAAGAGAACCACTGAGCCTGGNGAGTCTCGNNNN
 NAACGCCCCCCTAATCA

Restriction Sites: Please inquire

ACCN: BC009968

Insert Size: 1390 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:	BC009968.1 , AAH09968.1
RefSeq Size:	1390 bp
Locus ID:	64411
Cytogenetics:	5q31.3
Protein Pathways:	Endocytosis
Gene Summary:	This gene encodes a phosphoinositide binding protein containing ARF-GAP, RHO-GAP, RAS-associating, and pleckstrin homology domains. The ARF-GAP and RHO-GAP domains cooperate in mediating rearrangements in the cell cytoskeleton and cell shape. It is a specific PtdIns(3,4,5)P3/PtdIns(3,4)P2-stimulated Arf6-GAP protein. An alternatively spliced transcript has been found for this gene, but its biological validity has not been determined. [provided by RefSeq, Sep 2015]