

Product datasheet for **RG229383**

ACAP3 (NM_030649) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ACAP3 (NM_030649) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ACAP3
Synonyms:	CENTB5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG229383 representing NM_030649
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACCGTGGAGTTCAGGAGTGCCTCAAGGACTCCCCGCGCTTCAGGGCGACCATTGACGAGGTGGAGA
 CGGACGTGGTGGAGATTGAGGCCAACTGGACAAGCTGGTGAAGCTGTGCAGTGGCATGGTGAAGCCGG
 TAAGGCCCTACGTACGACCAGCAGGCTTTTCGTGAGCGCGCTCCGCGACCTGTCCAGCAGTGCAGGGC
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 GTGAGATGGAGCGAAAGCAGCCGCCATCCAGCAGCGGACGCTGCTGCAGGACTTCTCTACGATGAGTC
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 CCGCACCGGCCAGGTTTGCTGTTCTGAAGCGGGCGCGGACCAGCAGCCCTGGACCAAGAGCAGCGG
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 CGGAGGAAATGCGCGAGGCCGAGGCTGCCCTGGTCCCCCGGGCCCTGGCGGGCAGCCACGAGCT
 CCAGTTCCGAGGTGATCCAGGAGTTCATCAGCCTCCACCTGGAAGAGAGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG229383 representing NM_030649
 Red=Cloning site Green=Tags(s)

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MTVEFEECVKDSPRFRAIDDEVETDVVEIEAKLDKLVKLCSGMVEAGKAYVSTSRFLVSGVRDLSQQCQG
DTVISECLQRFADSLQEVVNYHMILFDQAQRSVRQQLQSFVKEDVRKFKETKKQFDKVRDLELSLVRNA
QAPRHRPHEVEEATGALTLTRKCFRHLALDYVLQINVLQAKKKFEILDSML SFMHAQSSFFQQGYSLLHQ
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NAFKTWNRRWFSIQNSQLVYQKKLDALTVVVDDLRLCSVKPCEDIERRFCFEVLSP TKSCMLQADSEKL
RQAWVQAVQASIASAYRESPDSCYSERLDRTASPSTSSIDSATDTRERGVKGESVLQRVQSVAGNSQC GD
CGQPDPRWASINLGVLLCIECSGIHRSLGVHCSKVRSLTDSWEPELLKLMCELGNSAVNQIYEAQCEGA
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VDSVTEEEGAESEESSGEADGDTEAEAWGLADVRELHPGLLAHRAARARDLPALAAALAHGAEVNWADAE
DEGKTPLVQAVLGGSLIVCFELLQNGADVNQRDSRGRAPLHHATLLGRTGQVCLFLKRGADQHALDQEQR
DPLAIAVQAANADIVTLLRLARMAEEMREAEAAPGPPGALAGSPTELQFRRCIQEFISLHLEES
  
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TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-Mlul

Reconstitution Method:

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_030649.3](#)

RefSeq Size: 3801 bp

RefSeq ORF: 2505 bp

Locus ID: 116983

UniProt ID: [Q96P50](#)

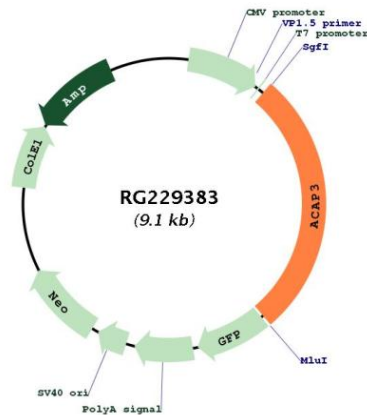
Cytogenetics: 1p36.33

Domains: ArfGap, PH, ANK

Protein Pathways: Endocytosis

Gene Summary: GTPase-activating protein for the ADP ribosylation factor family.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG229383