

Product datasheet for **RC239304**

AGAP8 (AGAP4) (NM_001276343) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	AGAP8 (AGAP4) (NM_001276343) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	AGAP4
Synonyms:	AGAP-4; AGAP-8; AGAP8; CTGLF1; CTGLF5; MRIP2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide
Sequence:

>RC239304 representing NM_001276343
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

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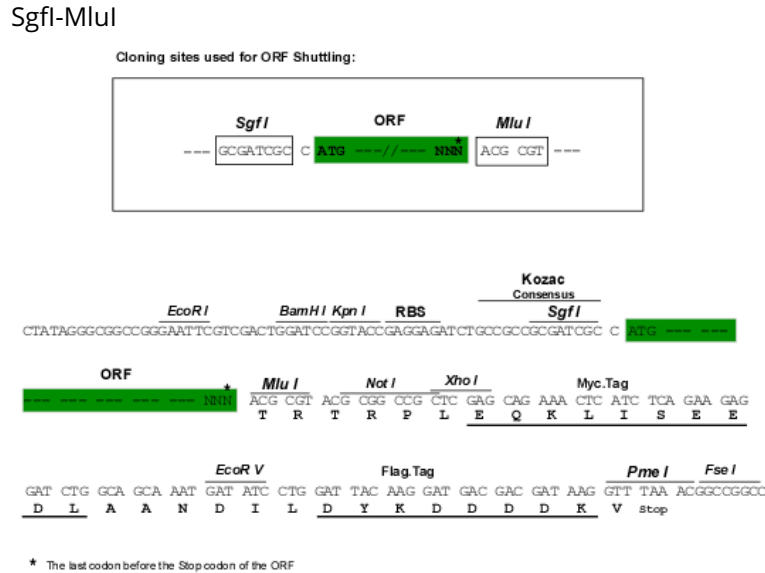
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
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Protein Sequence: >RC239304 representing NM_001276343
 Red=Cloning site Green=Tags(s)

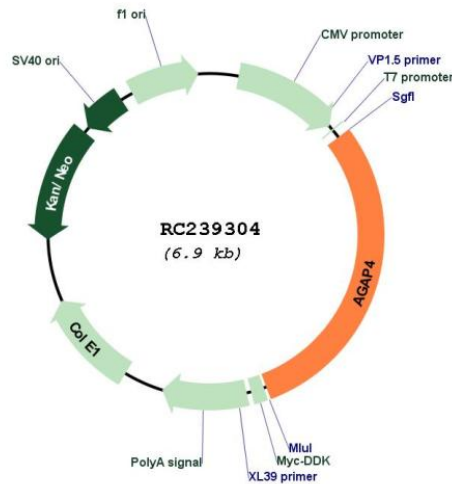
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 QYSLCSTIFLDDSTAIQHLYL TMTIISVTLEIPHHITQRDADRSL SIPDEQLHSFAVSTVHIMKKRNGGGS
 LNNYSSSIPSTPSTSQEDPQFSVPPTANTPTPVCKRSMRWSNLF TSEKGSDDPKERKAPENHADIIGSGR
 AIPIKQGMMLLKRSGKWLKTWKKKYVTLCSNGVLTYYSSLGDYMKNIHKKEIDLQTSTIKVPGKWP SLATS
 ACTPISTSKSNGLSKDMDTGLGDSICFSPSISSTTSPKLNPPSPHANKKKHLKKTNNFMIVSATGQT
 WHFEATTYEERDAWVQAIQSQILASLQSCSSKSKSQTLSQSKAMALQSIQNMGRNAHCVDCEQNPKWA
 SLNLGVLMCIECSGIHRSLGTRL SRVRSLELDDWPVELRKMSSIGNDLANSIWEGSSQGT K PSEKSTR
 EEKERWIRSKYEEKLFLAPLPCTELSLGQQLLRATADELDQTAILLLAHGSREEVNETCGEGDGCTALHL
 ACRKGNVLAQLLIWYGVDVMARDAHGNTALTYARQASSQECINVLLQYGCPDKCV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:
Cloning Scheme:



Plasmid Map:



ACCN: NM_001276343

ORF Size: 2058 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:

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_001276343.2](#), [NP_001263272.2](#)

RefSeq Size: 2520 bp

RefSeq ORF: 2061 bp
Locus ID: 119016
UniProt ID: Q96P64
Cytogenetics: 10q11.22
MW: 76.1 kDa
Gene Summary: Putative GTPase-activating protein.[UniProtKB/Swiss-Prot Function]