

## Product datasheet for **SC336862**

### AGAP8 (AGAP4) (NM\_001291379) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	AGAP8 (AGAP4) (NM_001291379) Human Untagged Clone
Tag:	Tag Free
Symbol:	AGAP4
Synonyms:	AGAP-4; AGAP-8; AGAP8; CTGLF1; CTGLF5; MRIP2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

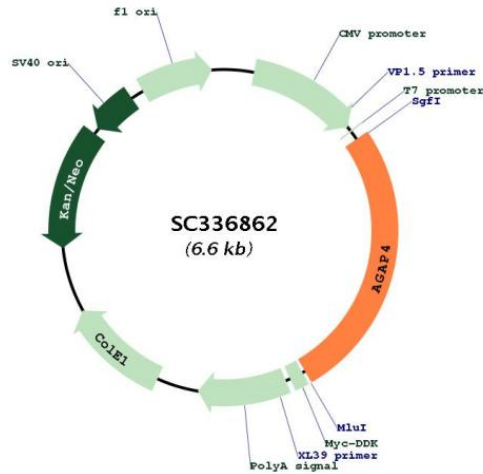


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Fully Sequenced ORF: >SC336862 representing NM\_001291379.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGCTTTGGAGTTTAACCCCTTCTGCCAATCCAGAGGCAAGCACAATATCCAGAGGAAGCTCTCAAACAG
ATGGTACTACTGTGCGTTTCAGTCAACAATACAGCTTGTGTTGACAATATTCCTTGATGACAGCACA
GCCATCCAGCATTATCTTACAATGACAATAATATCTGTGACCTTGAGATACCTCATCATATCACACAA
AGAGATGCAGATAGATCTTTGAGCATACCTGATGAACAGTTACACTCATTTCGCGTTTCCACCGTGAC
ATTATGAAGAAAAGAAATGGAGTGGGAGTTAAATAACTATTCTCCTCCATTCCATCGACTCCCAGC
ACCAGCCAGGAGACCCTCAGTTCAGTGTCTCCACTGCCAACACACCCACCCCGTTTGAAGCGG
TCCATGCGCTGGTCCAACCTGTTACATCTGAGAAAGGGAGTGACCCAGACAAAGAGAGGAAAGCCCG
GAGAATCATGCTGACACCATCGGAGCGGCAGAGCCATCCCCATTAACAGGGCATGCTCTTAAAGCGA
AGTGGAAATGGCTGAAGACATGAAAAAGAAATACGTACCCTGTGTTCCAATGGCGTGCTCACCTAT
TATTCAAGCTTAGGTGATTATATGAAGAATATTCATAAAAAGAGATTGACCTTCAGACATCTACCATC
AAAGTCCCAGGAAAGTGGCCATCCCTAGCCACATCGGCCATGCACACCCATCTCCACTCTAAAAGCAAT
GGCCTATCCAAGGACATGGACACCGGGTGGGTGACTCCATATGCTTCAGCCCCAGTATCTCCAGCACC
ACCAGCCCAAGCTCAACCCGCCCCCTCTCCTCATGCCAATAAAAAGAAACACCTAAAGAAGAAAAGC
ACCAACAACCTTTATGATTGTGTCTGCCACTGGCCAAACGTGGCACTTTGAAGCCACGACGTATGAGGAG
CGGGATGCCTGGGTCCAAGCCATCCAGAGCCAGATCCTGGCCAGCCTGCAGTCATGCGAGAGCAGTAAA
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GCCACTGTGTGGACTGTGAGACCCAGAATCCTAAGTGGCCAGTTTGAAGTGGGAGTCCCTCATGTGT
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GACTGGCCAGTTGAGCTCAGGAAGGTTATGTCATCTATTGGCAATGACCTAGCCAACAGCATCTGGGAA
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TCCAAATATGAGGAGAAGCTCTTCTGGCCCCACTACCCTGCACTGAGCTGTCCCTGGGCCAGCAGCTG
CTGCGGGCCACCCTGATGAGGACCTGCAGACAGCCATCCTGCTGCTGGCACATGGCTCCCGTGAGGAG
GTGAACGAGACCTGTGGGAGGGAGACGGCTGCACGGCGCTCCATCTGGCCTGCCCAAGGGGAATGTG
GTCCTGGCGCAGCTCCTGATCTGGTACGGGTGGACGTATGGCCCGAGATGCCACGGGAACACAGCG
CTGACCTACGCCCGCAGGCTCCAGCCAGGAGTGCATCAACGTGCTTCTGCAGTACGGCTGCCCCGAC
AAGTGTGTGTAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGGC
```

Restriction Sites: SgfI-MluI

**Plasmid Map:**


**ACCN:** NM\_001291379

**Insert Size:** 1737 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:**

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\\_001291379.1](#)

**RefSeq Size:** 2712 bp

**RefSeq ORF:** 1737 bp

**Locus ID:** 119016

**Cytogenetics:** 10q11.22

**MW:** 64 kDa

**Gene Summary:**

Putative GTPase-activating protein.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (4) differs in the 5' UTR and 5' coding region, and uses an alternate start codon, which results in a frameshift, compared to variant 1. The encoded isoform (4) has a shorter and distinct N-terminus, compared to isoform 1.