

## Product datasheet for **SC206854**

### **CENTG3 (AGAP3) (NM\_031946) Human 3' UTR Clone**

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** CENTG3 (AGAP3) (NM\_031946) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** AGAP3  
**Synonyms:** AGAP-3; CENTG3; cnt-g3; CRAG; MRIP-1  
**ACCN:** NM\_031946  
**Insert Size:** 521 bp  
**Insert Sequence:** >SC206854 3'UTR clone of NM\_031946  
The sequence shown below is from the reference sequence of NM\_031946. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GAGCTGCACCGTAGTCCCTAGCCTCCTATAAGGCCAGGAAGAGGGCAGAGGGGCCAGAAGGACTCCATG
GCCCAAAGACCCTCCTCCCTGCAGGCACTGTGGGAACAGACACAGAGATGGAGAAGCAGGGACATGCTG
AGAGGACGAAGCCAAGGAAATTAGGGAGGAGAGTCAAAGGGATCAAGGAGAGTTGGGGATTGAGCTGC
AGCAGAGAGGGATGAGGGATTTAGCCCTCTGCCCTAAGGTGCCATTGAAAAGGGACAGGACCCCTCGGA
GGTGCCTGTGAGGAGAGGGGAGCAGGACCTCTCCCTCCTCAGATCCCTGCCTCCTAGTGCCAGCCCT
CACACGCCTTATCCTGAAACAGGAAGAGGACGGCACCAAGTTGGGGGTGCTGGATGAAAGAGACGAGG
GGTGATCTGTGAGTCCCATGTAACTTTGTACATTGGAATATTTATGTTTGTGTACATATTTGATGTGT
GTGTGTATGATGAGCCAATAAACCAGACTGTGTGCGTG
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_031946.7](#)



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**Summary:** This gene encodes an essential component of the N-methyl-D-aspartate (NMDA) receptor signaling complex which mediates long-term potentiation in synapses by linking activation of NMDA receptor to alpha-amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid (AMPA) receptor trafficking. The encoded protein contains an N-terminal GTPase-like domain, a pleckstrin homology domain, an ArfGAP domain and several C-terminal ankryn repeat domains. [provided by RefSeq, Apr 2017]

**Locus ID:** 116988

**MW:** 19