

## Product datasheet for **SC210623**

### **CENTG3 (AGAP3) (NM\_001042535) Human 3' UTR Clone**

#### Product data:

|                           |                                                                                                                                                                                                                                                          |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:             | 3' UTR Clones                                                                                                                                                                                                                                            |
| Product Name:             | CENTG3 (AGAP3) (NM_001042535) Human 3' UTR Clone                                                                                                                                                                                                         |
| Symbol:                   | CENTG3                                                                                                                                                                                                                                                   |
| Synonyms:                 | AGAP-3; CENTG3; cnt-g3; CRAG; MRIP-1                                                                                                                                                                                                                     |
| Mammalian Cell Selection: | Neomycin                                                                                                                                                                                                                                                 |
| Vector:                   | pMirTarget (PS100062)                                                                                                                                                                                                                                    |
| ACCN:                     | NM_001042535                                                                                                                                                                                                                                             |
| Insert Size:              | 881 bp                                                                                                                                                                                                                                                   |
| Insert Sequence:          | <p>&gt;SC210623 3'UTR clone of NM_001042535</p> <p>The sequence shown below is from the reference sequence of NM_001042535. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p> |

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGATCGCC
AAAAGGCCTTTCCAACCTCTTCAAATAGAAGACCAGTTGGTGACACACAGCACCTCTGGACATGCCC
CCTGTGCGGGGCGGAGGCGGGCGGGCCCTGGGACTGCTCTCAGATGAGAAGCGCCGCCGAGCTCCC
CACTCCAGAGACCCACGGGAACCTTTGTAATAACCCACCCCAAGGCTAGGAGCGCCGGAGCC
CGCGCTGGGGGCTGCCGGGACCAGGCCCGGCCGACGCTGCAGGCTCGCTGCATGGAGAAGAAGGCAG
CTCGGCCCCACGCCCGCGCTGGCCAGCGCAGAGGCCAGAGGGGCGGGGAGTCCAAGCCCGCCCG
GCCCGGCTGCTCCTGGGGGCGCTTTCCTGCCCTCCCCCTCCTCTGCTCCTTCTGCATGGACCTCTGC
CGTTCTCTGCTCCTGCTCCGAAGCCGCCGCCGCCGCGCTTGCTTGGCCCTCTTTTGGCCTCCC
CCTATTCTAGGATCCGATTCCGGTGGACTCTGCCCAAGGAGCTTGACAGGGTGACAGGCCTCTTCT
GGCCTCTCTCTCTCTGTCCATCCACTGTGCCCTTGGGCCACGCCGACGCGCTCGGTGCCACGTGC
CGTGTGGTGTCTGTGCCGACAGGGCCATCTGCCCGCTCACTTGTGGACTTTGCGCTCCCGTTGTGC
CGCCCTGTGCTCCCGACACAGCCCCACCGTCCACCTCCTCGCCCCGCTTCTTTACGCCCCCGCCC
CGGGCGTGTCTCCTCGGCCCTCGGCCTCTGTCTTGTCTTTTGAAGGGGCGGGCCGCTCAGTG
ACCTGTGCTGCTCTGTATGGTGCCGTGTGAAGAATAAACCCGTTGGAATACT
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCGCCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI


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|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>OTI Disclaimer:</b> | 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).                                                                                                                                                                                          |
| <b>Components:</b>     | 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.                                                                                                                                                                                                                                                                                      |
| <b>RefSeq:</b>         | <u><a href="#">NM_001042535.4</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Summary:</b>        | 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] |
| <b>Locus ID:</b>       | 116988                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>MW:</b>             | 30.9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |