

Product datasheet for **SC205997**

Chromogranin A (CHGA) (NM_001275) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Chromogranin A (CHGA) (NM_001275) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: CHGA
Synonyms: CGA
ACCN: NM_001275
Insert Size: 431 bp
Insert Sequence: >SC205997 3'UTR clone of NM_001275
The sequence shown below is from the reference sequence of NM_001275. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG  
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC  
CACCAGCTGCAGGCACTACGGCGGGCTGAGACACCGGCTGGCAGGGCTGGCCCCAGGGCACCTGTGG  
CCCTGGCTCTGCTGTCCCCTTGGCAGGTCCTGGCCAGATGGCCCGGATGCTGCTTCCGGTAGGGAGGCA  
GCCTCCAGCCTGCCAAGCCAGGCCACCCTATCGCCCCCTACGGCCTTGTCTCCTACTCCTGACTCC  
TACCTGCCTGGAACATCCTTTGCAGGGCAGCCCCACAACCTTTAAACATTGACGATTCTTCTCTGAAC  
ACAGGCAGCTTTCTAGAAGTTTCCCTTCTCCATCCTATCCACTGGGCACAACCTGCAATAACTTCTGAC  
CTTTTGGTGAAAGCTGAGAACTCCTGACTGTAACATATTCTGTATGAACTTTATCTAAAGAAAAATAAA  
TCTGTTCTGGGCTCTTT  
ACGCGTAAGCGGCCGCGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA  
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_001275.4](#)



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Summary: The protein encoded by this gene is a member of the chromogranin/secretogranin family of neuroendocrine secretory proteins. It is found in secretory vesicles of neurons and endocrine cells. This gene product is a precursor to three biologically active peptides; vasostatin, pancreastatin, and parastatin. These peptides act as autocrine or paracrine negative modulators of the neuroendocrine system. Two other peptides, catestatin and chromofungin, have antimicrobial activity and antifungal activity, respectively. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2014]

Locus ID: 1113

MW: 15.7