

## Product datasheet for **SC216129**

### **GGA3 (NM\_014001) Human 3' UTR Clone**

#### **Product data:**

|               |                                     |
|---------------|-------------------------------------|
| Product Type: | 3' UTR Clones                       |
| Product Name: | GGA3 (NM_014001) Human 3' UTR Clone |
| Vector:       | pMirTarget (PS100062)               |
| Symbol:       | GGA3                                |
| ACCN:         | NM_014001                           |
| Insert Size:  | 1710 bp                             |



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**Insert Sequence:** >SC216129 3'UTR clone of NM\_014001  
The sequence shown below is from the reference sequence of NM\_014001. The complete sequence of this clone may contain minor differences, such as SNPs.  
Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCTCCTGTGGAACAGTGGGGAAACCTATGACCCAGAGGACGCTGTGATCTCCACCTTGAAGCCAGGCA
GGTGCCCTGAGACGAGGAGGGCTCTGGTCCCCTCACTCTCCATGCCCTGACAACAGTGCTGTAGCTT
TGATGTGGAACAGGGGCCCTGGGCATTTCTGCTGAGAACCAAAGTCTGCTGTGATAACCTCTCCTTTG
GCCCTAAAAGGACCTGTTTTTATCTACCTGTGTGACTTGAAGTGGCCATATGCTGTGAGGGGTGCGGA
GTGGCCCTGACTTCACTGCTGTCCCGGAACATGGACCCCAAGGCTTGGCGTAGGTGTTTGCTTCCTT
CTACTGGCATTCACTGAAGCCACTGGGGTGGGGGTGGGGGTGGGAGTCTCTAAAGAGAGACTGTCAT
GGGTCAATCCCCACAAGGCCACATCCTCACACCTGACAGATGCACGGCCCAAGGGGCTGCAGCCCTGT
TGCAATCCATGCTTCCCGGCCAACCAGCTCCTGCTGCCATCCCCAGGGAGGTGGCCAGGAAGGTGC
CTGGCCCAAGAATAAGGAACTGGCATACTGCAAAGTCCCCAGCCCTGCCTCTGGTGGACAGCATCGTCCT
GGAATGGCCACGGAGTGATGAGTTGTGTCTTGTCCCTGGCAGTGGCAGGCTGTGTCTATGGACATCT
TGGCAGGACATGGAATTTGGCCTCATGACAGGCCCAACTAGGGATAGGAAGGAAAATGAAGAGAGCCAG
TATTTCCCTTCTCCAGAAGCAGTACTCAGCTTCTGGGAAAAGCGTGCCTCCAGCCGTGGGGACAGG
CCATCCTACTGACTACCTTGTGTTGGCATGAAATAAACTGCTATCCTCCCTTGGAACTACCGCCAC
TCTACATCCTACTGCTTGGCCTCCCTCTCCTCTCACCAGATGGCATGTGGTGTGGCACCTGTGGCTGG
ACACAGGAGGCCCTCAGGATCACAAATGTTACACTAGACATATGCTCTAATGTGCTGCCAGAAACCTCA
ACTTGTCCCCAGTACTGAGGGCACTGTGAGCGAGATGTTGGGTCTGGAGGTGATGAGATCGGGCCAC
ACTTGAGCTGAGTCACCAGACCCTATTGCTTCAACAGTGTGTTGGCCCGCCAGCTTGTCCAGCCACT
CTAGCTGTGGATGTGATCCTGGGACATGTAAGCCCTCCGTCACAAAAAAAAAATCACCAGCTGC
CATAGACACGGGGGAAGCTTGGGGAGCCAGGTGAACAAGCTCAGCAATCGGACATCTCTGGGAAAGG
AAGGTGGCACAGACCATGTTCCCTGGTTCTCCCTGCCCTTGGCAGGCTTCTTATTCTTACTATGG
GAAGAGGTGATATCCCTTCCCTGCCCTCGCTGTCTTTAGCAAGCAGGTTTCACTGCTTATTAGAAGA
GGACAAGTCAAAGTGAATCATTTTTCACTACTTAAGGAATAAATCCAAGAGCTTCCAGAGACTGGCT
GCTGCAGCCCTGGGAATGTCTGTGGAATTAATGTTGGAATGGAATTTGTGTTATGCTCTAGACATT
ACAGTTATTTGAGTGTTACTCGTTACTGTTGAGGTCAGTCTTGTGGCAAATGGCTGTACTGGATAC
CCAGCTCTGCTGCCCTTGTGTTGCTGCATGTTAAATAAAACCATTTTCACTGTA
ACGCGTAAAGCGCCGCGGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** Sgfl-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\\_014001.5](#)

**Summary:** This gene encodes a member of the Golgi-localized, gamma adaptin ear-containing, ARF-binding (GGA) family. This family includes ubiquitous coat proteins that regulate the trafficking of proteins between the trans-Golgi network and the lysosome. These proteins share an amino-terminal VHS domain which mediates sorting of the mannose 6-phosphate receptors at the trans-Golgi network. They also contain a carboxy-terminal region with homology to the ear domain of gamma-adaptins. Multiple alternatively spliced transcript variants have been identified in this gene. [provided by RefSeq, Feb 2010]

**Locus ID:** 23163

**MW:** 61.5