

## Product datasheet for **RN201589**

### **Golga1 (NM\_001107842) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Golga1 (NM_001107842) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Golga1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN201589 representing NM\_001107842  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGTTTGCAAATAAAGAAGAAAATTGCAGAGGAGACTGCTGTTGCTCAGAGGCCAGGCTGCCTCCTA  
 GGATCCCTCGGTCTGTGAGCAAGGAGTCTGTGGCTTCCATGGGGCTGACTCAGGAGATGATTTGCTTC  
 CGATGGAAGCAGCTCCAGAGAAGATCTGTCCATCCAGCTTTTGAGAAGAAATGAACAGATACGGAAGTTA  
 GAGGCCAGACTCTGACTATGCTGAACAGGTCCGAACTTGCAGAAGATAAAAGAGAAGCTTGAAATTG  
 CATTAGAAAAACACCAGGATTCTCCATGCGGAAATTTCAAGAACAAGTAAACATTCCAAGCCAACAG  
 AGCCAAAATGGCAGAAGGACTGGCTTTGGCATTAGCCAGGAAGGACCAGGAATGGTCAGAAAAGATGGAA  
 CAGCTTGAAGGAAAAAGGTTTCTAACATCTCAGCTACAAGAAGTAAAGAACCAGAGCTTGAGCCTTT  
 TTCAAAGAGAGATGAAATTGATGAGTTAGAGGGTTTCCAGCAACAGGAAATCAGCAAAGTGAAGCACAT  
 GCTTTTAAAAAAGAAGAATGTTTAGGGAAGATGGAGCAGAGTTGGATGCACGAACCAGGGACCTTAAT  
 CGTACTCAGGAGGAGTTGGTGACTTCTAATCAGTTGTCATCTGACTTAAGCCAGGACTACAAGAATTGC  
 AGAGACATTGCGCAACGCTGGAAGAACAGAGAGACCCTTGACAGCTTAAAAAGCAGGTGCAAGACATAA  
 GATTGTAGTCTTGAACAAAAGGAACAAGAGCTCCAGGCGATCATCCAGCAGTTTTCCATTGACCTACAA  
 AAGGTCAATGCTGAACTCAAGAAAAAGAAAAGTCAACACATTTACAAGACAAGGTTACATTCTTGG  
 AAAAGAGACTAGAACAGGACTTATCAGGAGAAGATCATGTACAAGAACTTTGAAAGAGAAAACTGTGGC  
 TGAACAGAACTGCAGGATACTAGGCAACAGCTTTGGCTGCCAAGAACAGCCACCAAGGCAGTTGAC  
 CTCCTGGAGACTCGGGTGAAGGACCTAGAGCAGAGCCTACAGGCTGCTGAAGAGCAGCTAAGCCAGAGTA  
 GAGATGTTGTGGCTGGCCAGGAAGCGCAGATCCAGAAGCTTATCACTACAAACCAAGAGAACAACCTTTT  
 CCAACAGCAGGTTCTTGCCTGGAGCAACATTGCAGGGAGCGCATCCATGCACTGGAGGCCAAATTGAA  
 GCTCTGGAACAAACAGGCGGCTGACCAGATAGCCTCTGAGCAGGGAATGCGGCAACTGCAGCAGGAAA  
 ATGTGGCCCTAAAGAAAGCAGAGATGAGTGATACAGTCCTTACAACATCACCAATTGAACTAAAGAA  
 ACTCAAGGATGAATGGAACCAAAGAGAAATTTGTGAGTGTGGCAATGGCTCAAGCCCTGGAGGAGGTGCGG  
 AAACAGAGAGAAGAGTTCCAGCAGCAGGCCACTGAGCTGACAGCCATCATAGAAGAGAAAAATCAGAGCC  
 TATGTGAAAAGGATGAGGCACTTCTCCAGAAGGAGGAGGAACCTCAACAGCTGGAAAAAGGTCACAACCT  
 TGCCCTGTGCAGATGCACCAACTGCAGAGAGAACTAGAGACCTTGAAGACTTTCAGAGCCAGGAGGCA  
 ATGCCAGCCACAACAGGAGAGGACTGCCTGCCACTGCAGGGCCAGGAGCCACTAGTCATCTCAAAGCCA  
 TGCAGAATTGTGAGTATGAGCTTCCAGCTGCAGAAGGAACTCCAATGGTGAGGTTGGAGCCATGGATCT  
 AAAGCAGCTACAGAAAGAAAAACAGGACTTAGAACAGCAACTTACAGAGAAAAATAAGATTATGAAGCAA  
 ATGCAGCAGAGGATGCTGGAACCTAAGAAGACTCTGCAGAAAGAGCTGAAAAATCAAACCTGACAATGAGC  
 TTTTGTAGGTCGGGAGAAGACAGGCCCTGAGATACCAATATGGCCCTTCTGTCACTAATAATACTGA  
 CCTAAGTGAAGCCGAGAGATCACTTTGAATACCTTAAACATGTTGTTTTAAAATTCATGTCCTGTGCA  
 GAATCTGAGGCTTTTCACTCATAAAAGCAGTGTCAAGTGTGTAATTTCTCACAAGAAGAGGAGAATA  
 TGCTCAAAGAGACTCTGGAATATAAGATGCTTGGTTGGATCCAACCAGCTCCAAGGCGAGCATCCG  
 GCCATCTATCTCAACCCCTCGGATACCATGGTCC**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001107842

**Insert Size:** 2277 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).

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001107842.1, NP_001101312.1</u>
<b>RefSeq Size:</b>	4483 bp
<b>RefSeq ORF:</b>	2277 bp
<b>Locus ID:</b>	311919
<b>Cytogenetics:</b>	3q12