

## Product datasheet for **MC221392**

### **Golga1 (NM\_029793) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Golga1 (NM_029793) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Golga1
Synonyms:	0710001G09Rik; 2210418B03Rik; AW107649; awag; Golgi97; golgin-97
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >MC221392 representing NM\_029793  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGTTTGCAAAATAAAGAAGAAAATTGCAGAAGAGACTGCTGTTGCTCAGAGACCAGGCCGACACAACAA  
 GGATCCCACGCTCTGTGAGCAAGGAGTCTGTGGCTCCATGGGAGCTGACTCTGGAGATGATTTTGCTTC  
 CGATGGTAGCAGCTCCAGAGAAGATCTCTCATCCAGCTTTTGAGAAGAAATGAACAGATACGGAAGTTA  
 GAGGCCAGACTTTCTGACTATGCTGAACAGGTCCGAAACTTGCAGAAGATAAAAGAGAAGCTTGAAATTG  
 CATTAGAAAAACACCAGGATTCTCCATGCGGAAATTTCAAGAACAGAATGAAACATTCCAAGCCAGCAG  
 AGCCAAAATGGCAGAAGGACTGGCTTTGGCTTTAGCCAGGAAGGACCAGGAATGGTCAGAAAAGATGGAA  
 CAGCTTGAAGGATAAAAGGTTTCTAACATCTCAGTGAAGAAGTAAAGAACCAGAGCTTGAGCCTTT  
 TTCAAAAAGAGATGAAATTGATGAATTAGAGGGTTCCAGCAGCAGGAAATCAGCAAAGTAAAACACAT  
 GCTTTTAAAAAAGAAGAATGCTTGGGGAAGATGGAGCAAGAATTGGATGCACGAACCAGGGAACTTAAC  
 CGTACTCAGGAGGAGTTGGTGACTTCTAATCAGTTGTCATCTGACTTAAACGAGCGGCTAGAAGAATTGC  
 AGAGACTGCTCAACGCTGGAAGAGCAGAGAGATCACTTGACAGCTTAAAAGCAGGTGCAGAACATAA  
 GATTGTAGTCTTGAACAAAAGGAACAAGAGCTCCAGGCGATCATCCAGCAGCATTCCATTGACCTACAA  
 AAGGTCAGTGTGAAACGCAAGAAAAAGAAAAGTCAACACATCTACAAGAGAAGGTTATATTCTTGG  
 AAAAGAGACTAGAACAGAATTTATCAGGAGAAGATCATGTACAAGAACTTTGAAAGAGAAAAACAGTTGC  
 TGAACAGAATCTGGAAGATACTAGGCAGCAGCTTTGGCTGCCAGGAACGCCACCAAGGCACCTTTAC  
 CTCCTGGAGACTCGGGTGAAGGACCTAGAGCGGAGTCTACAGGCTGCTGAAGAACAGCTAAGCCAGAGTA  
 GAAATGTTGTGGCTGACCAGGAAGCCAGATCCAGAAGCTTATCACTACAAACCAGGAGAACAGCCTTTC  
 CCAGCAGCAGGTTCTTGGCCTGGAACAGCATTGCAGGGAGCGCATCCATGCACTGGAGGCCAAATTGAA  
 GCTCTGGAACAAACCGGTAGCTGACCAGATAGCCTCAGAGCAGGGAATGCTACAACCTGCAGCAGGAAA  
 ATGTGGCCCTTAAAGAAAGCAGAAATGAATGTGAACATTCCTTACAACATCACCAATTGGAACATAAGAA  
 ACTAAAGGATGAATGGAGCCAAAGAGAAATTTGTGAGTGTAGCAATGGCTCAAGCCCTGGAGGAGGTGCGG  
 AAACAGAGAGAAGAGTTCCAGCAACAGGCCACTGAGTTGACAGCCATCATAGAAGAGAAAAATCAGAGCC  
 TGTGTGAAAAGGATGAGGCACTTCTCCAGAAGGAGCAGGAACTTCGACAGCTGGAAAAAGGTCACAGTTC  
 TGCCCTGTGCAGATGCACAACTGCAGAGGGAAGTAGAGGCTTGAAGACTTGAAGGCTCAGGAGGCA  
 ATGCCAGCCACAACAGGAGAGGACTGCCTGCCACTGCAGGGCCAGGAGCCACTTGTCAATTTCAAAGCCA  
 TGCAGAATTCAGATATGAGCTTCCAGCTGCAGAAGGAACTCCAACGGTGAAGTTGGAGCCAGTGATCT  
 AAAGCAGCTACAGAAAGAAAAGCAGGACTTAGAACAGCAACTTATCGAGAAAAATAAGATTATGAAGCAA  
 ATGCAGCAGAGGATGCTGGAACCTAAGAAGACTTACAGAAAGAGTTGAAAAATCAGACCTGACAGTGAGC  
 TTTTGGAGTCCGGGAGAAGACAGGCCCTGAGATACCAATATGGCCCTTCTGTCACTAATAATACTGA  
 CCTGACTGATGCCGAGAGATCACTTTGAATACCTTAAACATGTTGTTTTAAAATTCATGTCCTGTGCA  
 GAATCTGAGGCTTTTCATCTCATAAAAGCAGTGTGAGTGTGTAATTTCTCACAAGAAGAGGAGAATA  
 TGCTCAAAGAGACTCTGGAATATAAGATGCTTGGTTGGATCCAACCAACTCCAAGGCGAGCATCCG  
 GCCATCTATCTCAACCCCTCGGATACCATGGTCC**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_029793  
**Insert Size:** 2277 bp

<b>OTI Disclaimer:</b>	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>	<a href="#">NM_029793.2</a> , <a href="#">NP_084069.1</a>
<b>RefSeq Size:</b>	4868 bp
<b>RefSeq ORF:</b>	2277 bp
<b>Locus ID:</b>	76899
<b>UniProt ID:</b>	<a href="#">Q9CW79</a>
<b>Cytogenetics:</b>	2 B
<b>Gene Summary:</b>	<p>Involved in vesicular trafficking at the Golgi apparatus level. Involved in endosome-to-Golgi trafficking.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (a).</p>