

Product datasheet for RN209440

Golga2 (NM_022596) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Golga2 (NM_022596) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Golga2
Synonyms:	Gm130
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN209440 representing NM_022596 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTGGCCCCCGCTTCCCCCTCCCCGCCCGGGATGTCGGAAGAAACCAGGCAGAGCAAATGGCTG
CGGCCAAGAAAAAGCTGAGAGAGTATCAGCAGAAGAACAGCCCGGTGTCCTGCAGGAGCAAAGAAGAA
GAAAAAGATTAATAATGGCCATAGTCCAGAGAGAACCTCTGCCAGTGATTGTCAGTCAGCAGAGAATGTG
CCACAGACCACACTGCTCCTGCACCACCAAGTACTGCTGCTGCCACTATGTTTCTTGGTGTCTGCCCTT
CCCCGATGCTGATCTCATTAGAGCCACGATGCTGGCAATTGCTCTAACCTCATGGAGGAGACCAGAC
TTTCTCATCGACTGAGAGTCTGCGACAACCTTTCTCAACAGCTCAATGGCCTTGTGTCTGAGTCTACATCC
TACATCAACGGGGAGGGCCTCACGTCTTCCAACATGAAGGAACGGAGAGCCGGTACCAAGAGCTAGCAG
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CCAAGACACTCTGGATCAACTGGAAAAAGAGAAGAAGGATTATCAGCAGAAGCTGGCAAAGGAGCAGGGT
GCCCTCAGGGAACAACCTGCAGGTTACATTCAGACCATAGGCATCCTGGTGTCTGAGAAGGCAGAATTAC
AGACAGCTCTGGCCACACTCAGCAAGCAGCTAGGCAGAAAGCAGGAGAGTCGGAGGATCTTGCCAGCCG
TCTACAGTCTCCGACAGCGTGTGGGAGAGCTGGAGCGGACGTTGTCTACTGTGTCAGCAGCAGAGAAA
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AGAGGTTGAGCAGCTGCAGAAGGAACTGGAGGGTCTGACGGGTGACGTCGGGGCCAGGTGCAGGACAAT
GAGAGCCTGAGCCACCTGAACCGGGAGCAGGAGGGACGGTCTGGAGCTGGAGCGCAGGCCAGCACT



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GGAGCGAGCAGGCAGAGGAGCGCAAGCAGATCCTGGAGAGCATGCAGAGTGACCCGACCACCATCAGCAG
AGCGCTGTACAGAAATCGCGAGCTCAAGGAGCAGCTGGCTGAGCTGCAGAACGGCTTCGTGAGGCTGACA
AATGAGAACATGGAGATTACAGTGCCTTACAATCAGAGCAGCATGTCAAGAAAGAGCTGGCCAGGAAGC
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CTGACGATACAGAGCCTGCACAAGGAGAGGAGGGGTACCCGCTCCCCAGGAGAACCCCACTGCACAACA
GATCATGCAGCTGCTGCGTGAGATCCAGAACCCCAAGGAGCGCCAGGCTGGGTAGCAACCCTTGATC
CCCTTTTCTACCGTGCGGATGAGAACGACGAGGTGAAAATCATGGTTATATAA

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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_022596
- Insert Size:** 2994 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).
- Components:** 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).
- Reconstitution Method:**
1. Centrifuge at 5,000xg for 5min.
 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
 3. Close the tube and incubate for 10 minutes at room temperature.
 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
 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.
- RefSeq:** [NM_022596.2](#), [NP_072118.2](#)
- RefSeq Size:** 4367 bp
- RefSeq ORF:** 2994 bp
- Locus ID:** 64528

UniProt ID: [Q62839](#)

Cytogenetics: 3p12

Gene Summary: a protein of the cis-Golgi matrix and may have a role in maintaining cis-Golgi structure [RGD, Feb 2006]