

Product datasheet for **RC239155**

GOLGA80 (NM_001277308) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GOLGA80 (NM_001277308) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	GOLGA80
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RC239155 representing NM_001277308
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGCAGAAGAACTCAACACAACAAATTGGCTGCAGCCAAGAAAAAGTTAAAAGAATATTGGCAGAAAA
 ACAGACCTAGAGTTCCAGCAGGAGTGAACAGGAACAGGAAAAACAAATGGCAGTATCCCTGAGACAGCCAC
 TTCCGGTGGTTGCCAGCCACCTGGGGATTTCAGCAACAGGTTTCCACAGGGAAGGCCCTACATCATCTGCT
 ACCCTGAAAGATCTGGAGAGCCCGTGCCAGAACGAGCAGTAGTCCTGGATTCAACGTCCGTAAAAATCA
 GTCGACTGAAGAACACCATCAAATCTTTGAAACAACAGAAGAAACAAGTGAACATCAGCTGGAAGAAGA
 AAAGAAAGCAAACAACGAGAGACAGAAAGCCGAAAGGGAGCTAGAGGTTCAAATCCAGACATTGATCATA
 CAGAAAGAGGAACTAAATACGGACCTGTACCACATGGAACGTTCTCTCAGATACTTTGAAGAAGAGTCCA
 AGGACCTGGCTGTCGCGCTGCAACATTCATTGCAGTGTAAGGAGAGTTAGAGAGCGCTCTGTCTGCTGT
 CATCGCCACAGAGAAGAAGAAGGCAAACAGTTGTCCAGCTGCAGCAAAGCACATACAGAGTGGGAGTTA
 GAGCAGTCCCTACAGGACCAGGCACTGTGAAAGCGCAGCTGACACAGTTGAAGGAGTCATTTCAACAAC
 TCCAATTAGAAAGAGATGAGTGTGCTGAACATATAGAAGGAGAGAGGGCCCGGTGGCATCAGAGGATGAG
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 AAAATCCATCACCTTTTATCAGAACCAGGGGGCCGTGCCAAAGATGCAGCACTGGGAGGAGGACACCATC
 AGGCTGGAGCTCAGGGAGGAGATGAAGGTGAAGCTGCTGGAGCTGCAGCAGATGGTATTGCGGCTTACAG
 CAACTACAACAATGGGCACAGAAAATTCCTGGCCGCTGCCCAACTCTGCTGATGAGCCCGGTCCAGGA
 GCCCAGCCCCCAGGAGCTTGGGGCTGCAGACAAGCATGGTGATCTTCGTGAGGTGACCCTCACCTCCT
 CTGCCCAGGAGAGGCCAGGGAGGATCCTCTCCTTGACAAGCCTACTGCACAGCCGATCGTGCAGGACCA
 CCAGGAGCACCCAGGCTTGGGCAGCAACTGCTGTGTGCCATTATTTTGTGGGCTTGGCTGCCAAGAAGA
 AGGAGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC239155 representing NM_001277308
 Red=Cloning site Green=Tags(s)

MAEETQHNKLAAAKKLKEYWQKNRPRVPAGVNRNRKTNNGSIPETATSGGCQPPGDSATGFHREGPTSSA
 TLKDLESPCQERAVVLDSTSVKISRLKNTIKSLKQKKQVEHQLEEEKKANNERQKAERELEVQIQLII
 QKEELNTDLYHMERSLRYFEEESKDLAVRLQHSLQCKGELESALSAVIAATEKKKANQLSSCSKAHTEWEL
 EQSLQDQALLKAQLTQLKESFQQLQLERDECAEHIEGERARWHQRMMSQEICTLKKEKQDMRRVEEL
 ERSLSKLNQMAEPLPPEPPAVPSEVELQHLRKELEERVAGELQSQVKNQHISSLNRRQEERIREQEERL
 RKQEERLQEQHEKLRQLAKPQSVFEELNENKSTLQLEQQVKELQEKLGEEHLEAASQQNQQLTAQLSLM
 ALPGEGHGGHLDSEGEAPRPMPSPVPDPESREAMSSFMDHLKEADLSELVKKQELRFIQYWQERCHQ
 KIHLLSEPGRAKDAALGGGHHQAGAAGGDEGEAAGAAADGIAAYSNNNGHRKFLAAAHNSADEPGPG
 APAPQELGAADKHGDLREVLTSSAQGEAREDPLLDKPTAQPIVQDQHEHPGLGSNCCVPLFCWAWLPRR
 RR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_001277308

ORF Size: 1896 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_001277308.1, NP_001264237.1

RefSeq Size: 5189 bp

RefSeq ORF: 1899 bp

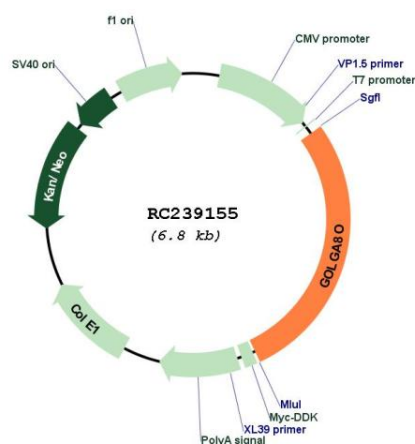
Locus ID: 728047

UniProt ID: A6NCC3

Cytogenetics: 15q13.3

MW: 72 kDa

Product images:



Circular map for RC239155