

Product datasheet for **RC239152**

GOLGA8N (NM_001282494) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GOLGA8N (NM_001282494) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	GOLGA8N
Synonyms:	GOLGA8R
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide
Sequence:**

>RC239152 representing NM_001282494
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGCAGAAGAACTCAACACAACAAATTGGCTGCAGCCAAGAAAAAGTTAAAAGAATATTGGCAGAAAA
 ACAGACCTAGAGTTCCAGCAGGAGTGAACAGGAACAGGAAAAACAAATGGCAGTATCCCTGAGACAGCCAC
 TTCCGGTGGTTGCCAGCCACCTGGGGATTACAGAACAGGTTTCCACAGGGAAGGCCCTACATCATCTGCT
 ACCCTGAAAGATCTGGAGAGCCCGTGCCAGAACGAGCAGTAGTCCTGGATTCAACGTCCGTAAAAATCA
 GTCGACTGAAGAACACCATCAAATCTTTGAAACAACAGAAGAAACAAAGTGAACATCAGCTGGAAGAAGA
 AAAGAAAGCAAACAACGAGAGACAGAAAGCCGAAAGGGAGCTAGAGGTTCAAATCCAGACATTGATCATA
 CAGAAAGAGGAACTAAATACGGACCTGTACCACATGGAACGTTCTCTCAGATACTTTGAAGAAGAGTCCA
 AGGACCTGGCTGCTCGTCTGCAACATTCATTGCAGTGTAAGGAGAGTTAGAGAGCGCTCTGTCTGCTGT
 CATCGCCACAGAGAAGAAGAAGGCAAACCAAGTTGTCAGCTGCAGCAAAGCACATACAGAGTGGGAGTTA
 GAGCAGTCCCTACAGGACCAGGCACTGTGAAAGCGCAGCTGACACAGTTGAAGGAGTCATTTCAACAAC
 TCCAATTAGAAAGAGATGAGTGTGCTGAACATATAGAAGGAGAGAGGGCCCGGTGGCATCAGAGGATGAG
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 CTGAGGTGGAGCTGCAGCACCTGAGGAAGGAAGTAGAGAGAGTGGCAGGAGAGCTCCAGTCCCAGGTCAA
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 TCGAGGAGCTGAACAATGAGAACAAGAGCACACTGCAGTTGGAGCAGCAAGTAAAGGAGCTACAGGAGAA
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 CGAGTGTCCCAGAGGACCTGGAGAGCAGGGAGGCCATGAGCAGCTTTATGGACCACCTGAAGGAGAAGGC
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 AAAATCCATCACCTTTTATCAGAACAGGGGGCCGTGCCAAAGATGCAGCACTGGGAGGAGGACACCATC
 AGGCTGGAGCTCAGGGAGGAGATGAAGGTGAAGCTGCTGGAGCTGCAGCAGATGGTATTGCGGCTTACAG
 CAACTACAACAATGGGCACAGAAAATTCCTGGCCGCTGCCACAACCTCTGCTGATGAGCCCGGTCCAGGA
 GCCCAGCCCCCAGGAGCTTGGGGCTGCAGACAAGCATGGTGATCTTCGTGAGGTGACCCTCACCTCCT
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 AGGAGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC239152 representing NM_001282494
 Red=Cloning site Green=Tags(s)

MAEETQHNKLAAAKKLKEYWQKNRPRVPAGVNRNRKTNNGSIPETATSGGCQPPGDSATGFHREGPTSSA
 TLKDLESPCQERAVVLDSTSVKISRLKNTIKSLKQKKQVEHQLEEEKKANNERQKAERELEVQIQLII
 QKEELNTDLYHMERSLRYFEEESKDLAVRLQHSQCKGELESALSAVIAATEKKKANQLSSCSKAHTEWEL
 EQSLQDQALLKAQLTQLKESFQQLQLERDECAEHIEGERARWHQRMSKMSQEICTLKKEKQDMRRVEEL
 ERSLSKLNQMAEPLPPEPPAVPSEVELQHLRKELEERVAGELQSQVKNQHISSLNRRQEERIREQEERL
 RKQEERLQEQHEKLRQLAKPQSVFEELNNENKSTLQLEQQVKELQEKLGEEHLEAASQQNQQLTAQLSLM
 ALPGEGHGGHLDSEGEAPQPMPSVPEDLESREAMSSFMDHLKEADLSELVKKQELRFIQYWQERCHQ
 KIHLLSEPGRAKDAALGGGHHQAGAQQGDEGEAAGAAADGIAAYSNNNGHRKFLAAAHNSADEPGPG
 APAPQELGAADKHGDLREVLTSSAQGEAREDPLLDKPTAQPIVDHDEHPGLGSNCCVPLFCWAWLPRR
 RR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_001282494

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_001282494.1, NP_001269423.1

RefSeq Size: 5329 bp

RefSeq ORF: 1899 bp

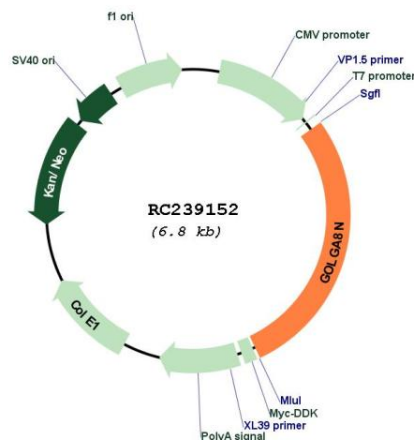
Locus ID: 643699

UniProt ID: F8WBI6

Cytogenetics: 15q13.3

MW: 72 kDa

Product images:



Circular map for RC239152