

Product datasheet for **RC239145**

GOLGA8K (NM_001282493) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GOLGA8K (NM_001282493) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	GOLGA8K
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC239145 representing NM_001282493
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

ATGGCAGAAGAACTCAACACAACAAATTGGCTGCAGCCAAGAAAAAGTTAAAAGAATATTGGCAGAAAA
 ACAGCCCTAGAGTTCCAGCAGGAGCGAACAGGAACAGGAAAAACAAATGGCAGTATCCCTGAGAAAGCCAC
 TTCTGGTGGTTGCCAGCCACCTAGGGATTAGCAACAGGTTTCCACAGGAAGGCCCTACATCATCTGCT
 ACCCTGAAAGATCTGGAGAGCCCGTGCCAGAAGCAGCAGTAGTCCTGGATTCAAGGTCCGTAGAAATCA
 GTCAACTGAAGAACCACATCAAATCTCTGAAACAACAGAAGAAACAAGTGAACATCAGCTGGAAGAAGA
 AAAGAAAGCAAACAAGAAACAGAAAGCCAAAAGGGTGCTAGAGGTTCAAATCCAGACATTGAACATA
 CAGAAAGAGGAATAAATACGGACCTGTACCACATGAAACGTTCTCTCAGATACTTTGAAGAAAAGTCCA
 AGGATCTGGCTGTCGCGCTGCAACATTCATTGCAGCGTAAAGGAGAGTTAGAGAGTGTCTCTCTAATGT
 CATGGCCACACAGAAGAAGAAGGCAAACAGTTGTCCAGCGCAGCAAAGCACGTACGGAGTGGAAGTTA
 GAGCAGTCCATGCGGGAGGAGGCACTACTGAAAGTGCAGCTGACACAGTTGAAGGAGTCTTTTCAACAAG
 TCCAATTAGAAAGAGATGAGTATTCTGAACATCTAAAAGGAGAGAGGGCCCGGTGGCAGCAGAGGATGAG
 AAAATGTGCGAGGAGATTTGCACATTAAGAAAGAGAAGCAGCAAGATATGCGTCGGGTAGAGAAGCTG
 GAGAGGAGCTTGCCAACTCAAAAACAGATGGCTGAACCCCTTGCCCCCGGAGCCCCCAGCAGTGCCCT
 CTGAGGTGGAGCTGCAGCACCTGAGGAAGGAAGTAGAGAGAGTGGCAGGAGAGCTCCAGGCCCAGGTCAA
 AAAGAATCAGCGCATAGTCTCTGAACAGCGACAAGAAGAGAGGATTCAGGAGCAGGAAGAGAGGCTT
 CGGAAGCAGGAGGAGAGGATTGAGGAGCAGCACAAGAGCCTTCAGCAGCTGGCCAAGCCACAGAGCGTCT
 TCGAGGAGCCGAACAATGAGAACAAGAAGCAGTGCAGTTGGAGCAGCAAGTAAAGGAGCTACAGGAGAA
 GCTTGGCGAGGAGCACCTGGAAGCGGCCAGCCAGCAGCAAGACAGCAGCTAACGGCCCCAGCTGAGCCTCATG
 GCTCTCCCTGGGAAGGACACGGAGAATCTGGACAGTGAAGGGGAGGAGGCACCTCAGCCCATGCCGA
 GTGTCCCAGAGGACCTGGAGAGCAGGGAGGCCATGAGCAGCTTTATGGACCACCTGAAGGAGAAGGCAGA
 CCTGAGTGAGCTGGTAAAAAAGAACTCTGCTTCACTCCACCACTGGCGAGACAGACGCCATCAGAAAACC
 CATCACCTTTTATCAGAACCAGGGGGCTGTGCCAAGATGCGGCACTGGGAGGAGACACCATCAGGCTG
 GAGCTCAGGGAGGAGATGAAGGTGAAGCTGCTGGAGCTGCAGCAGATGGTATTGCGGCTTACAGCAACTA
 CAACAATGGGCACAGAAAATTCCTGGCCGCTGCCACAACCTGCTGATGAGCCCGGTCCAGGAGCCCCA
 GCTCCCCAGGAGCTTGGGGCTGCAGACAAGCATGGTGATCTTCGTGAGGTGAGCCTCACCTCTCTGCC
 AAGGAGAGGCCAGGGAGGATCCTCTCCTTGACAAGCCTACTGCACAGCCGATCGTGAGGACCACAAGGA
 GCACCCAGGCTTGGGCAGCAACTGCTGTGTGCCATTATTTGTTGGGCTTGGCTGCCAAGAAGAAGGAGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC239145 representing NM_001282493
 Red=Cloning site Green=Tags(s)

MAETQHNLAAAKKKLKEYWQKNSPRVPAGANRNKTNGSIPEKATSGGCQPPRDSATGFHREGPTSSA
 TLKDLESPCQERAVVLDSSRSVEISQLKNTIKSLKQKKQVEHQLEEEKKANNKKQKAKRVLVQIQLNI
 QKEELNTDLYHMKRSLRYFEESKDLAVRLQHSLQRKGELESVL SNVMATQKKKANQLSSRSKARTEWKL
 EQSMREEALLKVQLTQLKESFQQVLERDEYSEHLKGERARWQQRMRKMSQEICTLKKEKQQDMRVEKL
 ERSLSKLKNQMAEPLPPEPPAVPSEVELQHLRKELERVAGELQAQVKKNQRISLLNQRQEERIQQEERL
 RKQEERIQQEHKSLQQLAKPQSVFEENNNENKNALEQQVKELQEKLGEEHLEAASQQNQQLTAQLSLM
 ALPGEGHGEHLDEGEEAPQPMPSVPEDLESREAMSSFMDHLKEKADLSELVKKELCFIHHWRDRRHQKT
 HHLLSEPGCAKDAALGGHHQAGAQQGDEGEAAGAAADGIAAYSNNNGHRKFLAAAHNPADEPGPGAP
 APQELGAADKHGDLREVSLSAQAQGEAREDPDLLDKPTAQPIVQDHKEHPGLGSNCCVPLFCWAWLPRRRR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001282493

ORF Size: 1890 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_001282493.1](#), [NP_001269422.1](#)

RefSeq Size: 5188 bp

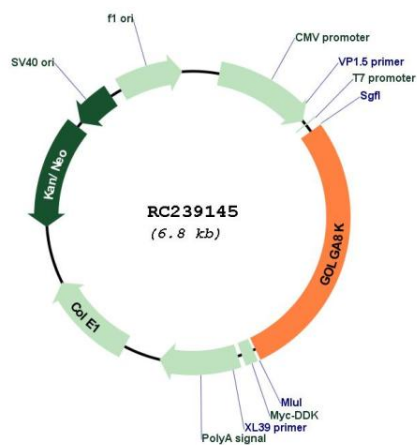
RefSeq ORF: 1893 bp

Locus ID: 653125

Cytogenetics: 15q13.3

MW: 72 kDa

Product images:



Circular map for RC239145