

Datasheet for ABIN4929179

Human GOLGA8K ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	GOLGA8K
Species:	Human
Fusion tag:	DYKDDDDK Tag
Insert:	ORF
Vector:	Mammalian Expression Vector
Application:	Protein Expression (PEXP)

Product Details

Purpose:	Expression/transfection ready cDNA ORF clone of Human GOLGA8K with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	1893 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGCAGAAG AACTCAACA CAACAAATTG GCTGCAGCCA AGAAAAAGTT AAAAGAATAT TGGCAGAAAA ACAGCCCTAG AGTTCCAGCA GGAGCGAACA GGAACAGGAA AACAAATGGC AGTATCCCTG AGAAAGCCAC TTCTGGTGGT TGCCAGCCAC CTAGGGATTG AGCAACAGGT TTCCACAGGG AAGGCCCTAC ATCATCTGCT ACCCTGAAAG ATCTGGAGAG CCCGTGCCAA

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GAACGAGCAG TAGTCCTGGA TTCAAGGTCC GTAGAAATCA GTCAACTGAA GAACACCATC
AAATCTCTGA AACAAACAGAA GAAACAAGTG GAACATCAGC TGAAGAAGA AAAGAAAGCA
AACAAACAAGA AACAGAAAGC CAAAAGGGTG CTAGAGGTTC AAATCCAGAC ATTGAACATA
CAGAAAGAGG AACTAAATAC GGACCTGTAC CACATGAAAC GTTCTCTCAG ATACTTTGAA
GAAAAGTCCA AGGATCTGGC TGTCCGCCTG CAACATTCAT TGCAGCGTAA AGGAGAGTTA
GAGAGTGTTT TCTCTAATGT CATGGCCACA CAGAAGAAGA AGGCAAACCA GTTGTCCAGC
CGCAGCAAAG CACGTACGGA GTGGAAGTTA GAGCAGTCCA TGCGGGAGGA GGCCTACTG
AAAGTGCAGC TGACACAGTT GAAGGAGTCT TTTCAACAAG TCCAATTAGA AAGAGATGAG
TATTCTGAAC ATCTAAAAGG AGAGAGGGCC CGGTGGCAGC AGAGGATGAG AAAAAATGTCG
CAGGAGATTT GCACATTAAG GAAAGAGAAG CAGCAAGATA TCGTTCGGGT AGAGAAGCTG
GAGAGGAGCT TGTCCAACT CAAAAACCAG ATGGCTGAAC CCTTGCCCCC GGAGCCCCCA
GCAGTGCCCT CTGAGGTGGA GCTGCAGCAC CTGAGGAAGG AACTAGAGAG AGTGGCAGGA
GAGCTCCAGG CCCAGGTCAA AAAGAATCAG CGCATAAGTC TCCTGAACCA GCGACAAGAA
GAGAGGATTC AGGAGCAGGA AGAGAGGCTT CGGAAGCAGG AGGAGAGGAT TCAGGAGCAG
CACAAGAGCC TTCAGCAGCT GGCCAAGCCA CAGAGCGTCT TCGAGGAGCC GAACAATGAG
AACAAGAACG CACTGCAGTT GGAGCAGCAA GTAAAGGAGC TACAGGAGAA GCTTGGCGAG
GAGCACCTGG AAGCGGCCAG CCAGCAGAAC CAGCAGCTAA CGGCCAGCT GAGCCTCATG
GCTCTCCCTG GGGAAGGACA CGGAGAACAT CTGGACAGTG AGGGGGAGGA GGCACCTCAG
CCCATGCCGA GTGTCCCAGA GGACCTGGAG AGCAGGGAGG CCATGAGCAG CTTTATGGAC
CACCTGAAGG AGAAGGCAGA CCTGAGTGAG CTGGTGAAAA AAGAACTCTG CTTTCATCCAC
CACTGGCGAG ACAGACGCCA TCAGAAAACC CATCACCTTT TATCAGAACC AGGGGGCTGT
GCCAAAGATG CGGCACTGGG AGGAGGACAC CATCAGGCTG GAGCTCAGGG AGGAGATGAA
GGTGAAGCTG CTGGAGCTGC AGCAGATGGT ATTGCGGCTT ACAGCAACTA CAACAATGGG
CACAGAAAAT TCCTGGCCGC TGCCCACAAC CCTGCTGATG AGCCCGGTCC AGGAGCCCCA
GCTCCCCAGG AGCTTGGGGC TGACAGACAAG CATGGTGATC TTCGTGAGGT GAGCCTCACC
TCCTCTGCCC AAGGAGAGGC CAGGGAGGAT CCTCTCCTTG ACAAGCCTAC TGCACAGCCG
ATCGTGCAAG ACCACAAGGA GCACCCAGGC TTGGGCAGCA ACTGCTGTGT GCCATTATTT
TGTTGGGCTT GGCTGCCAAG AAGAAGGAGA TAA

Specificity: ORF Insert Method: CloneEZ® Seamless cloning technology, recombination-based cloning technology

Characteristics: Gene cDNA ORF clone sequences were retrieved from the NCBI Reference Sequence Database (RefSeq). These sequences represent the protein coding region of the gene cDNA ORF which is encoded by the open reading frame (ORF) sequence.

Sequencing Primer: • Forward primer: 5'-TAATACGACTCACTATAGGG-3'

Product Details

- Reverse primer: 5'-CCTCGACTGTGCCTTCTA-3'

Grade: End-sequenced

Components: The GenEZ ORF clone is delivered as 10 µg of lyophilized plasmid DNA in a vial.

Target Details

Gene: GOLGA8K

Alternative Name: GOLGA8K

Gene ID: 653125

NCBI Accession: [NM_001282493](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Storage: RT/-20 °C

Storage Comment:

- Keep the vial sealed and store at -20°C for long-term storage.
- Before use, centrifuge the vial at 6,000 g x g for 1 minute at 4°C.
- Open the lid and add 100 µl (or other volume depending on your desired final concentration) of distilled water (or TE buffer) to dissolve the DNA.
- If necessary, heat the solution at 50°C for 15 minutes to dissolve the DNA.
- Close the lid and vortex the vial for 1 minute.
- Aliquot the dissolved plasmid DNA and store in small aliquots at -20°C.

Expiry Date: 12 months

Publications

Product cited in: Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)