

Datasheet for ABIN4929178

Human GOLGA8M ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	GOLGA8M
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 GOLGA8M with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	1899 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 AGTATCCCTC AGACAGCCAC TTCTGGTGGT TGCCAGCCAC CTGGGGATTG AGCAACAGGT TTTCACAGGG AAGGCCCTAC ATCATCTGCT ACCCTGAAAG ATCTGGAGAG CCCGTGCCAA

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GAACGAGCAG TAGTCCTGGA TTCAAGGTCC GTAGAAATCA GTCAACTGAA GAACACCATC
AAATCTTTGA AACAAACAGAA GAAACAAGTG GAACATCAGC TGAAGAAGA AAAGAAAGCA
AACAAACAAGA AACAGAAAGC CAAAAGGGTG CTAGAGGTTC AACTCCAGAC ATTGAACATA
CAGAAAGAGG AACTAAATAC GGACCTGTAC CACATGAAAC GTTCTCTCAG ATACTTTGAA
GAAAAGTCCA AGGATCTGGC TGTCCGCCTG CAACATTCAT TGCAGCGTAA AGGAGAGTTA
GAGAGTGTTT TCTCTGATGT CATGGCCACA CAGAAGAAGA AGGCAAACCA GTTGTCCAGC
CCCAGTAAAG CAGGTACGGA GTGGAAGTTA GAGCAGTCCA TGCGGGAGGA GGCCTACTG
AAAGTGCAGC TGACACAGTT GAAGGAGTCA TTTCAACAAG TCCAATTAGA AAGAGATGAG
TATTCTGAAC ATCTAAAAGG AGAGAGGGCC CGGTGGCAGC AGAGGATGAG AAAAAATGTCG
CAGGAGATTT GCACATTTAA GAAAGAGAAG CAGCAAGATA TCGTTCGGGT AGAGAAGCTG
GAGAGGAGCT TGTCCAACT CAAAAACCAG ATGGCTGAAC CCTTGCCCCC GGAGCCCCCA
GCAGTGCCCT CTGAGGTGGA GCTGCAGCAC CTGAGGAAGG AACTAGAGAG AGTGGCAGGA
GAGCTCCAGG CCCAGGTCAA AAACAATCAG CGCATAAGTC TCCTGAACCA GCGACAAGAA
GAGAGGATTC GGGAGCAGGA AGAGAGGCTT CGGAAGCAGG AGGAGAGGAT TCAGGAGCAG
CACAAGAGCC TTCAGCAGCT GGCCAAGCCA CAGAGCGTCT TCGAGGAGCC GAACAATGAG
AACAAGAGCA CACTGCAGTT GGAGCAGCAA GTAAAGGAGC TACAGGAGAA GCTTGGCAG
GAGCACCTGG AAGCTGCCAG CCAGCAGAAC CAGCAGCTAA CGGCCAGCT GAGCCTCATG
GCTCTCCCTG GGAAGGACA CGGAGGAGAA CATCTGGACA GTGAGGGGGA GGAGGCACCT
CAGCCCATGC CGAGTGTCCC AGAGGACCCG GAGAGCAGGG AGGCCATGAG CAGCTTTATG
GACCACCTGG AGGAGAAGGC AGACCTGAGT GAGCTTGTGA AGAAACAAGA ACTTCGCTTC
ATTCAATACT GGCAAGAGAG ATGCCATCAG AAAATCCATC ACCTTTTATC AGAACCAGGG
GGCCGTGCCA AAGATGCGGC ACTGGGAGGA GGACACCATC AGGCTGGAGC TCAGGGAGGA
GATGAAGGTG AAGCTGCTGG AGCTGCAGCA GATGGTATTG CGGCTTACAG CAACTACAAC
AATGGGCACA GAAAATTCCT GGCCGCTGCC CACAACCTCTG CTGATGAGCC CGGTCCAGGA
GCCCCAGCTC CCCAGGAGCT TGGGGCTGCA GACAAGCATG GTGATCTTTG TGAGGTGAGC
CTCACCTCCT CTGCCAAGG AGAGGCCAGG GAGGATCCTC TCCTTGACAA GCCTACTGCA
CAGCCGATCG TGCAGGACCA CCAGGAGCAC CCAGGCTTGG GCAGCAACTG CTGTGTGCCA
TTCTTTTGCT GGGCTTGGCT GCCAAGAAGA AGGAGATAA

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: GOLGA8M

Alternative Name: GOLGA8M

Gene ID: 653720

NCBI Accession: [NM_001282468](#)

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)