

Datasheet for ABIN4929180

Human GOLGA8J ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	GOLGA8J
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 GOLGA8J 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 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 CAAGGAGTCA TTTCAACAAG TCCAATTAGA AAGAGATGAG
TATTCTGAAC ATCTAAAAGG AGAGAGGGCC CGGTGGCAGC AGAGGATGAG AAAAAATGTCG
CAGGAGATTT GCACATTAAG GAAAGAGAAG CAGCAAGATA TCGCTCGGGT 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 TCAAGGAGCC GAACAATGAG
AACAAGAACG CACTGCAGTT GGAGCAGCAA GTAAAGGAGC TACAGGAGAA GCTTGGCAG
GAGCACCTGG AAGCTGCCAG CCAGCAGAAC CAGCAGCTAA CGGCCAGCT GAGCCTCATG
GCTCTCCCTG GGAAGGACA CGGAGGAGAA CATCTGGACA GTGAGGGGGA GGAGGCACCT
CGGCCATGC CGAGTGTCCC AGAGGACCCG GAGAGCAGGG AGGCCATGAG CAGCTTTATG
GACCACCTGG AGGAGAAGGC AGACCTGAGT GAGCTGGTGA AGAAAAAGA ACTCTGCTTC
ATCCACCACT GGCAGAGAG ATGCCATCAG AAAACCCATC ACCTTTTATC AGAACCAGGG
GGCCGTGCCA AAGATGCGGC ACTGGGAGGA GGACACCATC AGGCTGGAGC TCAGGGAGGA
GATGAAGGTG AAGCTGCTGG AGCTGCAGCA GATGGTATTG CGGCTTACAG CAACTACAAC
AATGGGCACA GAAAATTCCT GGCCGCTGCC CACAACCTCTG CTGATGAGCC CGGTCCAGGA
GCCCCAGCCC CCCAGGAGCT TGGGGCTGCA GACAAGCATG GTCATCTTTG TGAGGTGAGC
CTCACCTCCT CTGCCAAGG AGAGGCCAGG GAGGATCCTC TCCTTGACAA GCCTACTGCA
CAGCCGATCG TGCAGGACCA CCAGGAGCAC CCAGGCTTGG GCAGCAACTG CTGTGTGCCA
TTCTTGTGCT 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: GOLGA8J

Alternative Name: GOLGA8J ([GOLGA8J Products](#))

Gene ID: 653073

NCBI Accession: [NM_001282472](#)

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)