

Datasheet for ABIN4929176

Human GOLGA80 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	GOLGA80
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 GOLGA80 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 ACAGACCTAG AGTTCCAGCA GGAGTGAACA GGAACAGGAA AACAAATGGC AGTATCCCTG AGACAGCCAC TTCCGGTGGT TGCCAGCCAC CTGGGGATTG AGCAACAGGT TTCCACAGGG AAGGCCCTAC ATCATCTGCT ACCCTGAAAG ATCTGGAGAG CCCGTGCCAA

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GAACGAGCAG TAGTCCTGGA TTCAACGTCC GTAAAAATCA GTCGACTGAA GAACACCATC
AAATCTTTGA AACAAACAGAA GAAACAAGTG GAACATCAGC TGAAGAAGA AAAGAAAGCA
AACAAACGAGA GACAGAAAGC CGAAAGGGAG CTAGAGGTTC AAATCCAGAC ATTGATCATA
CAGAAAGAGG AACTAAATAC GGACCTGTAC CACATGGAAC GTTCTCTCAG ATACTTTGAA
GAAGAGTCCA AGGACCTGGC TGTCCGCCTG CAACATTCAT TGCAGTGTA AGGAGAGTTA
GAGAGCGCTC TGTCTGCTGT CATCGCCACA GAGAAGAAGA AGGCAAACCA GTTGTCCAGC
TGCAGCAAAG CACATACAGA GTGGGAGTTA GAGCAGTCCC TACAGGACCA GGCAGTGTG
AAAGCGCAGC TGACACAGTT GAAGGAGTCA TTTCAACAAC TCCAATTAGA AAGAGATGAG
TGTGCTGAAC ATATAGAAGG AGAGAGGGCC CGGTGGCATC AGAGGATGAG TAAAATGTGC
CAGGAGATTT GCACATTAAG GAAAGAGAAG CAGCAAGATA TCGTTCGGGT AGAGGAGCTG
GAGAGGAGCT TGTCCAACT CAAAAACCAG ATGGCTGAAC CCTTGCCCCC GGAGCCCCCA
GCAGTGCCCT CTGAGGTGGA GCTGCAGCAC CTGAGGAAGG AACTAGAGAG AGTGGCAGGA
GAGCTCCAGT CCCAGGTCAA AAACAATCAG CACATAAGTC TCCTGAACCG GCGACAAGAA
GAGAGGATTC GGAACAGGA AGAGAGGCTT CGGAAGCAGG AGGAGAGGCT TCAGGAGCAG
CACGAGAAGC TTCGGCAGCT GGCCAAGCCA CAGAGCGTCT TCGAGGAGCT GAACAATGAG
AACAAAGAGCA CACTGCAGTT GGAGCAGCAA GTAAAGGAGC TACAGGAGAA GCTTGGCAG
GAGCACCTGG AAGCGGCCAG CCAGCAGAAC CAGCAGCTAA CGGCCAGCT GAGCCTCATG
GCTCTCCCTG GGAAGGACA CGGAGGAGAA CATCTGGACA GTGAGGGGGA GGAGGCACCT
CGGCCATGC CGAGTGTCCC AGAGGACCCG GAGAGCAGGG AGGCCATGAG CAGCTTTATG
GACCACCTGA AGGAGAAGGC AGACCTGAGT GAGCTGGTGA AAAACAAGA ACTTCGCTTC
ATTCAATACT GGCAAGAGAG ATGCCATCAG AAAATCCATC ACCTTTTATC AGAACCAGGG
GGCCGTGCCA AAGATGCAGC ACTGGGAGGA GGACACCATC AGGCTGGAGC TCAGGGAGGA
GATGAAGGTG AAGCTGCTGG AGCTGCAGCA GATGGTATTG CGGCTTACAG CAACTACAAC
AATGGGCACA GAAAATTCCT GGCCGCTGCC CACAACCTCTG CTGATGAGCC CGGTCCAGGA
GCCCCAGCCC CCCAGGAGCT TGGGGCTGCA GACAAGCATG GTGATCTTCG TGAGGTGACC
CTCACCTCCT CTGCCAAGG AGAGGCCAGG GAGGATCCTC TCCTTGACAA GCCTACTGCA
CAGCCGATCG TGCAGGACCA CCAGGAGCAC CCAGGCTTGG GCAGCAACTG CTGTGTGCCA
TTATTTTGTGTT 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: GOLGA80

Alternative Name: GOLGA80 ([GOLGA80 Products](#))

Gene ID: 728047

NCBI Accession: [NM_001277308](#)

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)