

Datasheet for ABIN4943756

## Human GOLGA6B ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

### Overview

Quantity:	10 µg
Gene:	GOLGA6B
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 GOLGA6B with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	2082 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	<p>ATGTGGCCCC AACCTACCT CCCTCCCCAC CCCATGATGT TAGAAGAATC TCGACAGAAT</p> <p>AAATTGGCAG CAGCCAAGAA AAAGCTAAAA GAATATCAGC AAAGGAAGAG CCCTGGTATT</p> <p>CCAGCAGGAG CAAAGACAAA AAAGAAAAAA ACTGACAGTA GCCCTGAGAC AACCACTTCC</p> <p>GGTGGTGGCC ACTCACCTGG GGATAGCCAG TACCAAGAAC TAGCAGTAGC CCTGGAGTCA</p>

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AGCTCAGTGA CAATCAGTCA ACTCAATGAA AACATAGAAT CATTGAAACA GCAGAAGAAA  
CAAGTGGAAC ATCAGCTGGA AGAAGCAAAG AAAACAAACA ATGAAATACA CAAAGCACAA  
ATGGAGCGGT TAGAGACAAT CAACATCCTC ACATTGGAAA AGGCAGACTT GAAGACCACC  
CTTTACCATA CTAAACGTGC TGCCCGACAC TTCGAAGAAG AGTCCAAGGA TCTGGCTGGC  
CGCCTGCAAT ACTCCTTACA GCGTATTCAA GAATTGGAGC GGGCTCTCTG TGCTGTGTCT  
ACACAGCAGC AGGAAGAGGA CAGGTCCTCG AGCTGCAGAG AAGCGGTCCT CCACCGGCGG  
TTACAGCAGA CCATAAAGGA GCGGGCGCTG CTGAACGCAC ACGTGACACA GGTGACAGAG  
TCACTAAAAC AAGTCCAGCT AGAGCGAGAC GAATATGCTA AACACATAAA AGGAGAGAGG  
GCCCCGTGGC AGGAGAGGAT GTGGAAAATG TCGGTGGAGG CTCGAACATT GAAGGAAGAG  
AAGAAGCGTG ACATACATCG GATACAGGAG CTGGAGAGGA GCTTGTCCGA ACTCAAAAAC  
CAGATGGCTA AGCCCCATC CCTGGCGCCC CCAGCAGTGA CCTCTGTGGT GGAACAGCTA  
CAAGATGAGG CCAAACACCT GAGGCAGGAG GTGGAAGGTC TGGAGGGAAA GCTCCAATCC  
CAGGTGGAAA ACAATCAGGC CTTGAGTCTC CTTAGCAAGG AACAAAAGCA GAGACTCCAG  
GAGCAGGAGG AGATGCTCCG AGAGCAGGAG GTGCAGAGAG TCGGGGAGCA GGAGAGACTG  
TGTGAACAAA ACGAGAGGCT TCGGGAGCAG CAGAAGACGC TACAGGAGCA GGGTGAGAGG  
CTGCGAAAGC AGGAGCAGAG GCTACGCAAA CAGGAGGAGA GGCTGCGAAA GGAGGAGGAG  
AGGCTGCAAA AGCAGGAAAA GAGGCTGTGG GACCAGGAGG AGAGGCTGTG GAAGAAGGAG  
GAGAGGCTAC AAAAGCAGGA GGAGAGGCTC GCGCTCTCCC AGAACCACAA GCTCGACAAG  
CAGCTGGCCG AGCCACAGTG CAGCTTCGAG GATCTGAACA ACGAGAAAAA GAGCGCACTG  
CAGTTGGAGC AGCAAGTAAA GGAGCTGCAG GAGAAGCTAG ACGAGGAGCA CCTAGAAGCT  
GCCAGCCAGC AGAACCAACA GCTAGAGACC CAGCTAAGCC TCGTGGCTCT CCCGGGAGAA  
GGAGATGGAG GACAACATCT GGACAGTGAG GAGGAGGAGG CGCCTCGGCC CACGCCAAAC  
ATCCCAGAGG ACCTGGAGAG CCGGGAGGCC ACGAGCAGCT TTATGGACCT CCCGAAGGAG  
AAGGCGGACG GGACGGAGCA GGTGGAGAGA CGAGAGCTTG GATTCGTCCA GCCTTCTGGA  
GTGACAGACG GCATGAGAGA GTCCTTCACC GTATATGAAA GCCAGGGGGC AGTGCCAAAC  
ACGCGGCACC AGGAGATGGA GGATGTCATC AGGCTGGCCC AGAAGGAGGA GGAGATGAAG  
GTGAAGCTGC TGGAGCTGCA AGAGTTGGTG TTGCCCTTG TGGGCAACCA TGAGGGGCAT  
GGCAAATTCC TCATCGCTGC CCAGAACCCT GCTGATGAGC CCACTCCAGG GGCCCCAGCC  
CCCCAGGAAC TTGGGGCTGC CGGTGAGCAG GATGATTTTT ATGAAGTGAG CCTGGACAAC  
AACGTGGAGC CTGCACCAGG AGCGGCCAGG GAGGGTTCTC CCCATGACAA CCCCACTGTA  
CAGCAGATCG TGCAGCTGTC TCCTGTCATG CAGGACACCT AG

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

## Product Details

	encoded by the open reading frame (ORF) sequence.
Sequencing Primer:	<ul style="list-style-type: none"><li>• Forward primer: 5'-TAATACGACTCACTATAGGG-3'</li><li>• Reverse primer: 5'-CCTCGACTGTGCCTTCTA-3'</li></ul>
Grade:	End-sequenced
Components:	The GenEZ ORF clone is delivered as 10 µg of lyophilized plasmid DNA in a vial.

## Target Details

Gene:	GOLGA6B
Alternative Name:	GOLGA6B ( <a href="#">GOLGA6B Products</a> )
Background:	<p>This gene is found in a large, low copy repeat sequence or duplicon that is found in multiple copies, which are greater than 90 % similar, on chromosome 15. Duplicons are associated with deletions, inversions and other chromosomal rearrangements that underlie genomic disease.</p> <p>This gene is a member of the golgin gene family, whose protein products localize to the Golgi apparatus. The majority of the related gene copies are thought to be transcribed pseudogenes. It is not known whether this gene is a pseudogene or if it encodes a golgin protein. [provided by RefSeq, Jul 2008].</p>
Gene ID:	55889
NCBI Accession:	<a href="#">NM_018652</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Storage:	RT/-20 °C
Storage Comment:	<ul style="list-style-type: none"><li>• Keep the vial sealed and store at -20°C for long-term storage.</li><li>• Before use, centrifuge the vial at 6,000 g x g for 1 minute at 4°C.</li><li>• 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.</li><li>• If necessary, heat the solution at 50°C for 15 minutes to dissolve the DNA.</li><li>• Close the lid and vortex the vial for 1 minute.</li><li>• Aliquot the dissolved plasmid DNA and store in small aliquots at -20°C.</li></ul>

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## Handling

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Expiry Date: 12 months

## Publications

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