Datasheet for ABIN4929182

Human GOLGA8B ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	GOLGA8B
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 GOLGA8B with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	1812 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGCAGAAG AAACTGGACA GAGTAAATTA GCTGCAGCCA AGAAAAAGTT CAAAGAATAT TGGCAGAGAA ACCGCCCTGG TGTTCCAGCA GCAGCGAAGA GGAACACGAA AGCAAATGGC AGTAGCCCTG AGACGGCCGC TTCTGGTGGT TGCCACTCAT CTGAGGCTTC CTCCTCCGCC TCCTCCTCTC TGCATGCGCG TCAGAGCCCG TGCCAAGAAC AAGCAGCAGT CCTGAACTCG

	AGGTCCATAA AAATCAGTCG ACTGAATGAC ACCATCAAAT CTTTGAAACA ACAGAAGAAA CAAGTGGAAC ATCAGCTGGA AGAAGAAAAG AAAGCAAACA ATGAGAAACA GAAAGCTGAA AGGGAGCTAG AGGGTCAAAT CCAGAGATTG AACACAGAGA AAAAGAAACT AAATACGGAC CTGTATCACA TGAAACATTC TCTCAGATAC TTTGAAGAAG AGTCCAAGGA TCTGGCCGGC CGCCTGCAAC GTTCATCGCA GCGTATAGGA GAGTTAGAGT GGTCTCTCTG TGCTGTCGCC GCCACACAGA AGAAGAAGCC GGATGGGTTC TCGAGCCGCA GTAAAGCACT TCTCAAGCGG CAGTTAGAGC AGTCCATACG GGAGCAGATA CTGCTGAAAG GACACGTGAC ACAGTTGAAG GAGTCGCTTA AAGAAGTCCA GCTGGAGAGA GATCAATATG CTGAACAAAT AAAAGGAGAG AGGGCCCAGT GGCAGCAGAG GATGAGGAAA ATGTCGCAGG AGGTTTGCAC ATTGAAGGAG GAGAAGAAGC ATGATACGCA TCGGGTAGAG GAGCTGGAGA GGAGCTTGTC CAGACTCAAA AACCAGATGG CTGAGCCACT GCCCCCGGAT GCCCCAGCAG TGTCCTCTGA GGTGGAGCTG CAAGACCTGA GGAAGGAGCT GGAGAGAGTG GCAGGAGAGC TCCAGGCTCA GGTGGAAAAC AATCAGTGCA TCAGTCTCCT GAACCGTGGG CAAAAGGAGA GGCTTCGCGA GCAGGAGGAG AGGCTTCAGG AGCAGCAGGA GAGGCTTCGG GAACGGGAGA AGAGGCTTCA GCAGCTGGCC GAGCCACAGA GCGACTTGGA GGAGCTGAAG CACGAGAACA AGAGCGCACT GCAGTTGGAG CAGCAAGTAA AGGAGCTGCA GGAGAAGCTG GGCCAGGTGA TGGAGACGCT CACCTCGGCC GAGAAGGAGC CAGAGGCAGC AGTCCCAGCC TCAGGGACTG GGGGCGAGTC TAGCGGCCTT ATGGACCTCC TGGAGGAGAA GGCGGACCTG AGGGAGCATG TGGAGAAACT GGAACTTGGA TTCATCCAGT ACCGGAGAGA GAGATGCCAT CAGAAAGTAC ATCGCCTTCT AACAGAGCCA GGGGACAGTG CCAAAGATGC GTCACCGGGA GGAGGCCATC ATCAGGCTGG CCCAGGACAA GGAGGAGAGG AAGGTGAAGC TGCTGGAGCT GCAGGAGATG GTGTTGCGGC TTGTGGCAGC TACAGCGAGG GGCACGGCAA ATTCCTGGCC GCTGCCCGGA ACCCTGCTGC TGAACCCAGT CCAGGAGCCC CAGCCCCCCA GGAGCTCGGG GCTGCCGACA AGCATGGTGA TCTTTGTGAG GCGAGCCTCA CCAACAGCGT GGAGCCTGCA CAAGGAGAAG CCAGGGAGGG TTCTTCCCAG GACAACCCTA CTGCACAGCC AGTCCTGCAG CTCCTTGGTG AGATGCAGGA CCACCAGGAG CACCCAGGCT TGGGCAGCAA CTGCTGTGTG CCATGCTTTT GCTGGGCTTG GCTGCCGAGA AGAAGGAGAT AA
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' • Reverse primer: 5'-CCTCGACTGTGCCTTCTA-3'

Product Details

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

Target Details

Gene:	GOLGA8B
Alternative Name:	GOLGA8B (GOLGA8B Products)
Gene ID:	440270
NCBI Accession:	NM_001023567

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)