

Datasheet for ABIN4917446

Human ZG16B ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	ZG16B
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 ZG16B with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	627 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGGGGCCC AGGGGGCCCA GGAGAGTATA AAGGCGATGT GGAGGGTGCC CGGCACAACC AGACGCCAG TCACAGCGA GAGCCCTGGG ATGCACCGGC CAGAGGCCAT GCTGCTGCTG CTCACGCTTG CCCTCCTGGG GGGCCCCACC TGGGCAGGGA AGATGTATGG CCCTGGAGGA GGCAAGTATT TCAGCACCAC TGAAGACTAC GACCATGAAA TCACAGGGCT GCGGGTGTCT GTAGGTCTTC TCCTGGTGAA AAGTGTCCAG GTGAAACTTG GAGACTCCTG GGACGTGAAA

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Product Details

CTGGGAGCCT TAGGTGGGAA TACCCAGGAA GTCACCCTGC AGCCAGGCGA ATACATCACA
AAAGTCTTTG TCGCCTTCCA AGCTTTCCTC CGGGGTATGG TCATGTACAC CAGCAAGGAC
CGCTATTTCT ATTTTGGGAA GCTTGATGGC CAGATCTCCT CTGCCTACCC CAGCCAAGAG
GGGCAGGTGC TGGTGGGCAT CTATGGCCAG TATCAACTCC TTGGCATCAA GAGCATTGGC
TTTGAATGGA ATTATCCACT AGAGGAGCCG ACCACTGAGC CACCAGTTAA TCTCACATAC
TCAGCAAACCT CACCCGTGGG TCGCTAG

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'

Grade: End-sequenced

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

Target Details

Gene: ZG16B

Alternative Name: ZG16B ([ZG16B Products](#))

Gene ID: 124220

NCBI Accession: [NM_145252](#)

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)

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Handling

- 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)