

Datasheet for ABIN4926811

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

Overview

Quantity:	10 µg
Gene:	NANOGNB
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 NANOGNB with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	567 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGCACCGGG CGCGGTGGCT CACGCCTGTA ATCCAGCAC TTTGGGAGGC CGAGGCGGGC AGATCACGAG GTCAGGAAAT CGAGACCATC TTGGCTAACA AGAAACAATC AGCTATGCCT TGGGATCAAG ATCCAGAACA ATCAACTGGA AATTACAGTG AAGATGAACA AAATGGAAAG CAGAAATGGA GAGAAGAAGG AGAAGCAGGC AGAAAGAGAG AACGAGAAAA AGAAGAAAA

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Product Details

AACGAAAAGG AGCTGCAAGA TGAACAGGAA AACAAAAGGA AAAGGGAAAA TGAGAAACAG
AAACAGTATC CCGAGAAAAG ATTAGTCAGC AAATCCCTCA TGCATACTCT CTGGGCAAAG
TTTAAGTTAA ACAGGTGCCC CACTATACAA GAGAGTCTAT CACTGTCATT TGAATTTGAC
ATGACACATA AACAGATAAG TCAATGGTTT TGTA AACGA GGAAGAAATA TAATAAAGAA
ATGTCCAAGA GAAAGCATAA GAAAAACAT ATGAGATGGA GATCTCTGTG TTGCCAAGGC
TGGTCTCGAA CTCCTGCCCT CAAGTGA

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: NANOGNB

Alternative Name: NANOGNB

Gene ID: 360030

NCBI Accession: [NM_001145465](#)

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.
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Expiry Date: 12 months

Publications

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