

Datasheet for ABIN4933247

Human ANP32C ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	ANP32C
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 ANP32C with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	705 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGAGATGG GCAGACGGAT TCATTCAGAG CTGCGGAACA GGGCGCCCTC TGATGTGAAA GAACTTGCCC TGGACAACAG TCGGTCAAT GAAGGCAAAC TCGAAGCCCT CACAGATGAA TTTGAAGAAC TGGAATTCTT AAGTAAAATC AACGGAGGCC TCACCTCAAT CTCAGACTTA CCAAAGTTAA AGTTGAGAAA GCTTGAACTA AGAGTCTCAG GGGGCCTGGA AGTATTGGCA GAAAAGTGTC CAAACCTCAC GCATCTATAT TTAAGTGGCA ACAAATTAA AGACCTCAGC

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Product Details

ACAATAGAGC CACTGAAACA GTTAGAAAAC CTCAAGAGCT TAGACCTTTT CAATTGCGAG
GTAACCAACC TGAACGACTA CGGAGAAAAC GTGTTCAAGC TTCTCCTGCA ACTCACATAT
CTCGACAGCT GTTACTGGGA CCACAAGGAG GCCCCTTACT CAGATATTGA GGACCACGTG
GAGGGCCTGG ATGACGAGGA GGAGGGTGAG CATGAGGAGG AGTATGATGA AGATGCTCAG
GTAGTGGAAG ATGAGGAGGG CGAGGAGGAG GAGGAGGAAG GTGAAGAGGA GGACGTGAGT
GGAGGGGACG AGGAGGATGA AGAAGGTTAT AACGATGGAG AGGTAGATGG CGAGGAAGAT
GAAGAAGAGC TTGGTGAAGA AGAAAGGGGT CAGAAGCGAA AATGA

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:	<ul style="list-style-type: none">• 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:	ANP32C
Alternative Name:	ANP32C (ANP32C Products)
Background:	Phosphoprotein 32 (PP32) is a tumor suppressor that can inhibit several types of cancers, including prostate and breast cancers. The protein encoded by this gene is one of at least two proteins that are similar in amino acid sequence to PP32 and are part of the same acidic nuclear phosphoprotein gene family. However, unlike PP32, the encoded protein is tumorigenic. The tumor suppressor function of PP32 has been localized to a 25 amino acid region that is divergent between PP32 and the protein encoded by this gene. This gene does not contain introns. [provided by RefSeq, Jul 2008].
Gene ID:	23520
NCBI Accession:	NM_012403

Application Details

Restrictions:	For Research Use only
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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)