

Datasheet for ABIN4932279

Human C22ORF46 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	C22ORF46
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 C22orf46 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	732 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGTTGTTGT CACTGCTGGG TGCCTGTGCT GTGGTGGGGC CATTCCATGG CCCTGAGTGG GAGCCAGTGC AGGGCCTGCT CTCCCAGAAT CACAGCTGCA GGGACCCTCA GTGCTGTGGC AACCTGCTTG TCCTCTGCCT CTTTCTGGTC TGGCAGGTCC GGC ACTGTTG GCACCAGGTC ACCAGGACCC GCTTCAGCAC AAGGAATGTC ATCAAGGTGC CACTGCAGAA GCGGGCAGTG

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Product Details

CCCTCCATGA GGTGCGAAAC TGTCTTCAAG CTGACTCCTG AATTCTTCAG TCCTGGAAAG
TCCAGGGGCC TAGATTCTCA ACAATGCGCA CAAAGGCAGA GATGGGGATA CCGGAGGAGC
CTCCAGGAAT CATGGGCCCA GAACCTGCTC TCTCCACAGC ACCCATGTCC AGGCCACCT
TCGGGTGTCC ACACCCACTC TGAGCCCATC TTTTGTACCA CCTCCATTTC AAACACCTGT
TTACTGCCTC AGAACAGTTC CTGGAAGCA TGGCAGGTGC CTTGGTGTCT CCATGATGGT
CAGACTCGCC CTGCCTTGA CATGTGTCAA GAGATGGAGC AGCTGCTGCT TCACTCACAG
GAAAGGTTGG TGTCACTGGA GCCTGTCATC AGTGTGAGGT CTCGCCCCAC CTCCATGACC
TTAACACCT CTCTTCCAAA CTTACTTTCA GCTGAGAGGC TGCAGTTCTG CCCCCAGAGA
GCTCCTGCCT GA

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: C22ORF46

Alternative Name: C22orf46 ([C22ORF46 Products](#))

Gene ID: 79640

NCBI Accession: [NM_001142964](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Storage: RT/-20 °C

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Handling

- 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.
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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)