

Datasheet for ABIN4921634

Human UBE2NL ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	UBE2NL
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 UBE2NL with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	462 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGCCGAGC TGCCCCACAG GATCATCAAG GAAACCCAGC GTTTGCTGGC AGAGCCAGTT CCTGGCATCA AAGCAGAACC AGATGAAAGC AACGCCCGTT ATTTTCATGT GGTCATTGCT GGGGAATCAA AGGATTCCCC CTTTGAGGGA GGGACTTTTA AACGTGAACT ATTACTTGCA GAAGAATACC CAATGGCAGC CCCTAAAGTA CGTTTCATGA CCAAAATTTA TCATCCAAAT GTAGACAAGT TGGAAAGAAT AAGTTTAGAT ATTTTGAAAG ATAAGTGGTC CCCAGCCCTG

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Product Details

CAGATCCGCA CAGTTCTGCT ATCGATCCAG GCCTTGTTAA ATGCTCCCAA TCCAGATGAT
CCATTAGCAA ATGATGTAGT GGAGCAGTGG AAGACCAACG AAGCCCAAGC CATTGAAACA
GCTAGAGCAT GGACTAGGCT ATATGCCATG AATAGTATTT 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'

Grade: End-sequenced

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

Target Details

Gene: UBE2NL

Alternative Name: UBE2NL ([UBE2NL Products](#))

Background: This gene is intronless and encodes a member of the ubiquitin-conjugating enzyme family. The protein product is 91 % identical to ubiquitin-conjugating enzyme E2N, a multi-exon gene product. This locus represents a polymorphic pseudogene, where some individuals contain an allele that can encode a full-length protein, while others have a non-functional allele containing a premature stop codon (reference SNP rs237520) that truncates the coding sequence. [provided by RefSeq, Jun 2014].

Gene ID: 389898

NCBI Accession: [NM_001012989](#)

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)