

Datasheet for ABIN4930300

## Human EBLN2 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

### Overview

Quantity:	10 µg
Gene:	EBLN2
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 EBLN2 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	819 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	<p>ATGGGTTATT TTCTTAAATT GTATGCTTAT GTTAATTCTC ACAGTCTTTT TGTTTGGGTC</p> <p>TGTGACAGAT CTTACAAAAG ATCTTTTAGA CCTATGATTC TTAACAAAAT TAAAGAATTA</p> <p>AGTCGGAACC AATTTTCCAC AATGTCTCAT CTAAGAAAGG ACTCACAGCC CAGCAGCCCA</p> <p>GGAGATGACG CAATGGACAG GAGTGGGCTC CCTGACCTTC AAGGAAGATT TGAGCTATCT</p> <p>GGGAAAAACA GACAGTATCC ACTGGATGCA TTGGAACCCC AACCCAGCAT TGGGGATATT</p>

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## Product Details

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AAGGACATTA AAAAAGCAGC CAAGTCTATG CTAGACCCAG CACATAAATC TCATTTCCAC  
CCTGTGACCC CAAGTTTAGT ATTCTTGTGT TTCATATTTG ATGGGTTACA CCAGGCATTA  
CTGAGTGTTG GTGTGAGCAA GAGGTCTAAT ACTGTGGTTG GGAATGAGAA CGAGGAAAGG  
GGTACTCCTT ATGCTAGCAG ATTCAAAGAT ATGCCTAACT TTATTGCCCT TGAGAAGTCA  
TCAGTTCTCC GCCACTGCTG TGACCTTTTG ATAGGCATTG CGGCTGGATC AAGTGATAAG  
ATTTGCACCA GCAGTCTCCA AGTTCAGAGA CGATTCAAGG CAATGATGGC ATCTATTGGA  
AGACTTTCAC ATGGTGAGAG TGCTGATCTG CTAATCAGCT GCAATGCAGA ATCAGCCATA  
GGTTGGATCA GCTCAAGACC ATGGGTTGGA GAATTAATGT TCACACTTCT ATTTGGAGAC  
TTTGAATCCC CTCTACACAA GCTACGCAAG TCAAGTTAG

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

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Gene: EBLN2

Alternative Name: EBLN2 ([EBLN2 Products](#))

Gene ID: 55096

NCBI Accession: [NM\\_018029](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Storage: RT/-20 °C

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## Handling

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- 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

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