

Datasheet for ABIN4927469

Human MAP1LC3B2 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	MAP1LC3B2
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 MAP1LC3B2 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	378 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGCCGTCGG AGAAGACCTT CAAGCAGCGG CGCACCTTCG AACAAAGAGT AGAAGATGTC CGACTTATTC GAGAGCAGCA TCCAACCAAA ATCCCGGTGA TAATAGAACG ATACAAGGGT GAGAAGCAGC TTCCTGTTCT GGATAAAACA AAGTTCCTTG TACCTGACCA TGTC AACATG AGTGAGCTCA TCAAGATAAT TAGAAGGCGC TTACAGCTCA ATGCTAATCA GGCCTTCTTC

Order at www.genomics-online.com

USA & Canada: +1 877 302 8632 | support@antibodies-online.com

Product Details

CTGTTGGTGA ACGGACACAG CATGGTCAGC GTCTCCACAC CAATCTCAGA GGTGTATGAG
AGTGAGAAAG ATGAAGATGG ATTCCTGTAC ATGGTCTGTG CCTCCCAGGA GACGTTCCGGG
ATGAAATTGT CAGTGTA

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: MAP1LC3B2

Alternative Name: MAP1LC3B2 ([MAP1LC3B2 Products](#))

Gene ID: 643246

NCBI Accession: [NM_001085481](#)

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) 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.

Order at www.genomics-online.com

USA & Canada: +1 877 302 8632 | support@antibodies-online.com

Page 2/3 | Product datasheet for ABIN4927469 | 09/13/2023 | Copyright antibodies-online. All rights reserved.

Handling

Expiry Date: 12 months

Publications

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