

Datasheet for ABIN4927135

## Human C3ORF83 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

### Overview

Quantity:	10 µg
Gene:	MKRN2OS (C3ORF83)
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 MKRN2OS with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	672 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGCACTGCG CAGAGGCTGG GAAGGCTTTA ATTAATTCA ACCACTGTGA GAAATACATC TACAGCTTCA GTGTGCCCCA GTGCTGCCCT CTCTGCCAGC AGGACCTGGG CTCGAGGAAG CTGGAGGACG CACCTGTTAG CATCGCTAAT CCATTACTA ATGGACATCA AGAAAAATGT TCATTCCTCC TCAGACCAAC TCAGGGGACA TTTCTTAGAG AGTATGATGG AAGGTCTGAT

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## Product Details

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CTTCATGTTG GAATAACTAA CACAAATGGG GTTGTGTATA ATTACAGTGC ACATGGTGTC  
CAGCGAGACG GAGAAGGGTG GGAAGAGAGC ATAAGCATCC CATTACTGCA GCCCAACATG  
TATGGAATGA TGGAGCAATG GGACAAGTAC CTGGAAGACT TCTCCACCTC GGGGGCCTGG  
CTGCCTCACA GGTATGAAGA CAACCACCAT AACTGCTACT CTTACGCACT CACGTTTCATT  
AACTGCGTTC TGATGGCAGA AGGTAGACAG CAACTGGACA AGGGTGAATT TACGGAGAAG  
TACGTGGTCC CGCGGACAAG GCTGGCATCC AAGTTCATCA CACTCTACCG GGCGATACGG  
GAGCATGGCT TCTACGTAC TGACTGTCCC CAGCAGCAGG CACAACCCCC TGAGGGCGGC  
GGTTTGTGCT 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

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Gene: MKRN2OS (C3ORF83)

Alternative Name: MKRN2OS ([C3ORF83 Products](#))

Gene ID: 100129480

NCBI Accession: [NM\\_001195279](#)

## 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)