

Datasheet for ABIN4929532

## Human FRG2 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

### Overview

Quantity:	10 µg
Gene:	FRG2
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 FRG2 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	840 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGGAAAGG GAAATGAAGA CTCCGATCTC CACTGCTCCT CCATCCAGTG CTCCACTGAC CAGCCCCCTT TCCAACAGAT CTCCTTTACA GAAAAGGGCT CAGATGAGAA GAAACCATTC AAAGAAAAAG GCAAGACCGC CTTCTCCCAT TCCAGTGAGA AGCACATACA AAGGCAAGCA GGATCGGAGC CCAATCCAAA CAAGGAGAAT TCTGAGGAAA CCAAGCTCAA GGCCGGGAAC AGCACTGCTG GATCAGAACC AGAGTCCAGC TCATATCGGG AAAACTGCAG GAAAAGAAAA

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## Product Details

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ATGAGTTCCA AGGACAGCTG CCAAGACACA GCAGGGAAct GTCCAGAAAA GGAGTGCAGC  
TTGTCATTGA ATAAAAAATC AAGATCCTCC ACTGCTGTGC ACAACAGTGA AATCCAGGAG  
ACCTGTGATG CCCACCATAG GGGACATTCC AGGGCTTGCA CTGGGCACAG CAAGCGGCAT  
AGGTCTCGGG CCCTAGGAGT CCAAACACCG TCAATTCGAA AAAGCTTGGT GACTTCTGTG  
CGAGCTATGT CAGAGGCTGT TTATCAAGAC CTAGCCCAGG TGTGGGCACA GCAGATCCAT  
TCTCCACTTA CCTGTGAGCA GCTGACACTG CTCACTCGGC TCCGGGGGCC TCTGTGTGCC  
CAGGTGCAGA CTTGTATTTC CATGGCCACC CAGGCAGCTT ATGTCTTCCC TGCTGAGAGC  
TGGCTTGTCC CAGCCACACT GCCAGGTCCT GGGGAATCAG CCCTGGATAG AGAAGCCCAT  
CCCTTCCCTG GGCAGGAGAT AACTGAGACT GTCAGTGGAT CAGATGAGGC TAAGCTGTGA

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: FRG2

Alternative Name: FRG2 ([FRG2 Products](#))

Gene ID: 448831

NCBI Accession: [NM\\_001286820](#)

## 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)