

Datasheet for ABIN4929529

Human FRG2C ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	FRG2C
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 FRG2C with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	849 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGGAAAGG GAAATGAAGA CCCCATCTC CACTGTTCTT CCATCCAGTG CTCCACTGAC CAGCCCCCTT TCCAACAGAT CTCCTTTACA GAAAAGGGCT CAGATGAGAA GAAACCATTC AAAGGAAAAG GCAAGACCGC CTTCTCCCAT TCCAGTGAGA AGCACACACA AAGGCAAGCA GGATCAGATC CCAATCCAAA CAAGGAGAAT TCTGAGGAAA CCAAGCTCAA GGCCGGGAAC AGCACTGCTG GATCAGAACC AGAGTCCAGC TCATATCAGG AAAACTGCAG GAAAAGAAAA

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Product Details

ATCAGTTCCA AGGATATCTG CCAAGACAGA GCAGGGAACT GTCCAGAAGA GGAGTGCAAC
TTGACGTTGA ATAAAAAATC AAGATCCTCC ACTGCTGTGC ACAACAGTGA AATCCAGGAG
ACCTGTGATG CCCACCATAG GGAAGTTCC AGGGCTTGCA CTGGGCGCAG CAAGCGGCAT
AGGTCTCGGG CCCTAGAAGT CCAAACACCG TCACTTCGAA AAAGCTTGGT GACCTCTGTG
CGAGCTATGT CGGAGGCTGT TTATCAAGAC CTAGCCCAGG TGTGGGCACA GCAGATCCAT
TCTCCACTGA CCTGTGAGCA GCTGACACTG CTCACTCGGC TCCGGGGGCC TCTGTGTGCC
CAGGTGCAGA CTTGTATTG CATGGCCACT CAGGCAGCTT ATGTCTTCCC TGCTGAGAGC
TGGCTTGTCC CAGCCACACT GCCTGGTCCT GGGGATTCAG CCCTGGATAG AGAAGCCCAT
CCCTTCCCTG GGCAGGAGAT AACTGAGCCT GTCAGTGGAT CAGATGAGGC TAAGCTGGGA
GCACCCTGA

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:	<ul style="list-style-type: none">• 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:	FRG2C
Alternative Name:	FRG2C (FRG2C Products)
Gene ID:	100288801
NCBI Accession:	NM_001124759

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Handling

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.

Expiry Date: 12 months

Publications

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