

Datasheet for ABIN4924305

Human RITA1 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	RITA1
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 RITA1 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	882 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	<p>ATGCTCAGGG AGCCTCGGAA GCAGGGCCTG GCCGGCAGAG CACACCTGCT GTCACCAGGG ACCACAGGCA GCATGAAGAC CCCCCTGGAG CTGGCCGTCA GTGGGATGCA GACCCTCGGC CTTCAGCACC GCTGCCGAGG TGGCTACCGG GTCAAGGCCA GGACGTCATA TGTGGATGAG ACTCTGTTTG GCAGCCCAGC AGGCACCCGG CCTACCCAC CGGACTTCGA TCCGCCCTGG GTGGAGAAGG CTAACAGAAC CAGAGGCGTG GGCAAGGAGG CATCGAAGGC CTTGGGGGCA</p>

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Product Details

AAGGGGAGCT GTGAGACCAC CCCCTCAAGG GGCAGCACCC CCACCCTCAC ACCAAGGAAG
AAGAACAAAT ACAGACCCAT CAGCCACACC CCGTCTTACT GTGATGAGTC GCTGTTTGGC
TCCCAGTCTG AAGGCGCCAG CTTCGGGGCC CCGCGGATGG CGAAGGGGGA TGCCGCAAAG
CTCCGTGCTC TCTTGTGGAC GCCACCACCT ACCCCCAGGG GTAGCCACTC GCCCCGCCCC
AGGGAGGCAC CACTGCGAGC CATTACCCCA GCTGGTCCCT CCAAGACAGA GCCGGGGCCA
GCGGCAGACT CCCAGAAGTT ATCTATGGGT GGGTTACACT CTTCACGCCC CCTGAAGCGG
GGACTTTCCC ATTCCCTCAC CCACCTGAAT GTCCCCAGCA CTGGTCATCC AGCCACCAGT
GCCCCCACA CAAATGGGCC TCAGGATCTC AGGCCTTCCA CGTCAGGGGT GACCTTCCGG
AGCCCCCTGG TGACTTCCAG GGCTCGCTCA GTTAGCATTT CAGTGCCATC TACCCACGA
CGAGGTGGGG CCACCCAGAA ACCAAAGCCC CTTGGAAAT 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:	<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:	RITA1
Alternative Name:	RITA1 (RITA1 Products)
Gene ID:	84934
NCBI Accession:	NM_001286215

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)