

Datasheet for ABIN4918321

## 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:	810 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGAAGACCC CCGTGGAGCT GGCCGTCAGT GGGATGCAGA CCCTCGGCCT TCAGCACCGC TGCCGAGGTG GCTACCGGGT CAAGGCCAGG ACGTCATATG TGGATGAGAC TCTGTTTGGC AGCCCAGCAG GCACCCGGCC TACCCACCG GACTTCGATC CGCCCTGGGT GGAGAAGGCT AACAGAACCA GAGGCGTGGG CAAGGAGGCA TCGAAGGCCT TGGGGGCAAA GGGGAGCTGT GAGACCACCC CCTCAAGGGG CAGCACCCCC ACCCTCACAC CAAGGAAGAA GAACAAATAC

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## Product Details

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AGACCCATCA GCCACACCCC GTCTTACTGT GATGAGTCGC TGTTTGGCTC CCGATCTGAA  
GGCGCCAGCT TCGGGGCCCC GCGGATGGCG AAGGGGGATG CCGCAAAGCT CCGTGCTCTC  
TTGTGGACGC CACCACCTAC CCCAGGGGT AGCCACTCGC CCCGCCCCAG GGAGGCACCA  
CTGCGAGCCA TTCACCCAGC TGGTCCCTCC AAGACAGAGC CGGGGCCAGC GGCAGACTCC  
CAGAAGTTAT CTATGGGTGG GTTACTCTCT TCACGCCCCC TGAAGCGGGG ACTTTCCCAT  
TCCCTCACCC ACCTGAATGT CCCAGCACT GGTCATCCAG CCACCAGTGC CCCCCACACA  
AATGGGCCTC AGGATCTCAG GCCTTCCACG TCAGGGGTGA CCTTCCGGAG CCCCTGGTG  
ACTTCCAGGG CTCGCTCAGT TAGCATTTCA GTGCCATCTA CCCCACGACG AGGTGGGGCC  
ACCCAGAAAC CAAAGCCCCC TTGGAAATGA

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: RITA1

Alternative Name: RITA1 ([RITA1 Products](#))

Gene ID: 84934

NCBI Accession: [NM\\_032848](#)

## 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)