

Datasheet for ABIN4946607

Human RIMBP3B ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	RIMBP3B
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 RIMBP3B with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	4920 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGCCAAGG ACTCGCCAG CCCCTTGGGC GCGTCGCCCA AGAAGCCGGG CTGCTCCAGC CCGGCGGCGG CAGTGCTGGA GAACCAGAGG CGGGAGCTGG AGAAGCTACG GCGGAGCTG GAGGCGGAGC GGGCAGGCTG GCGGGCGGAA CGGCGGCGCT TCGCTGCCCG GGAGCGCCAG CTGCGTGAGG AGGCCGAGCG GGAGCGGCGG CAGCTGGCTG ACCGTCTGCG CTCCAAGTGG

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GAGGCACAGC GCAGCCGGGA GTTGCGGCAG CTGCAAGAGG AGATGCAGCG GGAACGCGAG
GCCGAGATCC GGCAGCTGCT GCGCTGGAAG GAGGCCGAGC AGCGGCAGCT GCAGCAGCTG
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CCTTCAGTCA GTGACCAGCC TGGGAGAAG GAAAATTGCT ACCAGCACAT GGGCACCAGC
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TCTGATTACA ACCCCCTGGT GATGTCTGCC AACCTCAAGG CTGCAGAGGA GGAGCTGGTC
TTCCAGAAAA GGCAGTTGCT AAGAGTGTGG GGCTCTCAGG ACACCCATGA TTTCTACCTC
AGCGAGTGCA ACAGGCAAGT GGGCAATATC CCGGGCGCC TAGTGGCTGA GATGGAGGTG

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GGGACAGAGC AGACTGATAG GAGGTGGCGT TCTCCGGCCC AAGGGCACCT GCCTTCTGTG
GCCCACCTCG AGGACTTTCA GGGGCTCACC ATCCCCCAGG GTTCCTCCCT GGTGCTCCAG
GGGAACTCCA AGAGACTCCC ACTGTGGACT CCAAAGATCA TGATAGCAGC TCTGGACTAT
GATCCTGGGG ATGGGCAAAT GGGGGGCCAG GGGAAGGGCA GGCTGGCGCT GAGGGCAGGA
GACGTGGTCA TGGTTTACGG GCCCATGGAT GACCAAGGAT TCTATTATGG AGAGTTGGGC
GGCCACAGGG GCCTGGTTCC TGCCACCTG CTGGATCACA TGTCCCTCCA TGGACTGA

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

Gene: RIMBP3B

Alternative Name: RIMBP3B

Gene ID: 440804

NCBI Accession: [NM_001128635](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

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)

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Handling

- 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)