

Datasheet for ABIN4924407

Human RFPL1 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	RFPL1
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 RFPL1 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	954 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGAAAAGGT TGTCACCTGT CACAACAAAC AGGCTTTCAC CTCACGGAAA TTTTCTTCCC TTGTGCACTT TTCCCTGGC AGTGGACATG GCTGCACTCT TCCAAGAAGC AAGCAGCTGT CCCGTCTGCT CAGACTATCT AGAGAAACCA ATGTCCCTGG AGTGTGGATG CGCTGTCTGC TTCAAGTGCA TCAATTCAC TGCAGAAGGAG CCCCATGGGG AGGATCTACT TTGCTGTTGC TGTTCCATGG TCTCTCAGAA GAACAAAATC AGGCCAGTT GGCAGCTAGA GAGGCTGGCT

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Product Details

TCCCACATCA AGGAACTGGA GCCCAAGCTG AAGAAGATTC TGCAGATGAA CCCAAGGATG
CGGAAGTTCC AAGTGGATAT GACCTTGGAT GCCGACACAG CCAACAACCTT CCTCCTCATT
TCTGACGACC TCAGGAGCGT CCGAAGTGGG TGCATCACAC AGAATCGGCA AGACCTTGCC
GAGAGATTTG ACGTGTCCAT TTGCATCCTG GGCTCCCCTC GCTTTACCTG TGGCCGCCAC
TACTGGGAGG TGGACGTGGG AACAAGCACA GAATGGGACC TGGGAGTCTG CAGAGAATCT
GTTACCCGCA AAGGGAGGAT CCATCTGACC ACAGAGCGTG GATTCTGGAC TGTGAGTTTG
AGGGATGGAA GCCGCCTCTC TGCCAGCACG GTGCCGCTGA CTTTCCTCTT CGTAGACCGC
AAGTTACAGC GAGTGGGGAT TTTTCTGGAT ATGGGCATGC AGAACGTTTC CTTTTTTGAT
GCTGAAGGTG GTTCCCATGT CTATACATTC AGGAGTGTCT CTGCTGAGGA GCCACTGCAC
TTGTTTTTTG CTCCTCCAAG TCCACCTAAT GGTGATAAGA GTGTCTTGAG TATCTGTCTT
GTGATAAACC CGGGCACTAC TGATGCTCCA GTCCATCCTG GGGAGGCCAA ATAA

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: RFPL1

Alternative Name: RFPL1 ([RFPL1 Products](#))

Gene ID: 5988

NCBI Accession: [NM_021026](#)

Application Details

Restrictions: For Research Use only

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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) 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)