

Datasheet for ABIN4924401

Human RFPL4AL1 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	RFPL4AL1
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 RFPL4AL1 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	864 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGCTGAGC ACTTCAAACA GATCATTAGA TGTCCTGTCT GTCTAAAAGA TCTTGAAGAA GCCGTGCAAC TGAAATGTGG ATATGCCTGC TGCCTCCAGT GCCTCAATTC ACTCCAGAAG GAGCCCGATG GGGAAGGTTT ACTGTGCCGT TTCTGCTCTG TGGTCTCTCA GAAGGATGAC ATCAAGCCCA AGTACAAGCT GAGGGCGCTG GTTTCCATCA TCAAGGAACT AGAGCCCAAG

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Product Details

CTGAAATCTG TTCTAACAAAT GAACCCAAGG ATGAGGAAGT TTCAAGTGA TATGACCTTC
GATGTGGACA CAGCCAACAA CTATCTCATC ATTTCTGAAG ACCTGAGGAG TTTCCGAAGT
GGGGATTTGA GCCAGAATAG GAAGGAGCAA GCTGAGAGGT TCGACACTGC CCTGTGCGTC
CTGGGCACCC CTCGCTTCAC TTCCGGCCGC CATTACTGGG AGGTGGACGT GGGCACCAGC
CAAGTGTGGG ATGTGGGCGT GTGCAAGGAA TCTGTCAACC GACAGGGGAA GATTGAGCTT
TCTTCAGAAC ACGGCTTCTT GACTGTGGGT TGCAGAGAAG GAAAGGTCTT TGCTGCCAGC
ACTGTGCCTA TGA CTCTCT CTGGGTGAGT CCCCAGTTGC ACAGAGTGGG GATTTTCCTG
GATGTAGGTA TGAGGTCCAT TGCCTTTTAC AATGTTAGTG ATGGGTGCCA TATCAACACA
TTCATCGAGA TTCCTGTTTG CGAGCCCTGG CGTCCATTTT TTGCTCATAA ACGTGGAAAGT
CAAGATGATC AGAGCATCCT GAGTATCTGT TCTGTGATCA ATCCATCCAC TGCCAGTGCC
CCAGTTTCTT CTGAGGGAAA GTAA

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: RFPL4AL1

Alternative Name: RFPL4AL1

Gene ID: 729974

NCBI Accession: [NM_001277397](#)

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) 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)