

Datasheet for ABIN4918428

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

Overview

Quantity:	10 µg
Gene:	PYURF
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 PYURF with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	345 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	<p>ATGCTGAGTG GAGCACGCTG CAGGCTCGCC TCAGCGCTGC GGGGAACGCG CGCGCCGCCG</p> <p>TCCGCGGTCG CCCGTAGGTG CCTGCACGCG TCGGGGTCGC GGCCTTTGGC CGACCGGGGC</p> <p>AAGAAGACTG AGGAGCCGCC CCGCGACTTC GATCCGGCGC TGCTGGAGTT CCTGGTGTGC</p> <p>CCGCTCTCCA AGAAGCCGCT CAGATATGAA GCATCAACAA ACGAATTGAT TAATGAAGAG</p> <p>TTGGGAATAG CTTATCCAAT CATTGATGGG ATCCCTAATA TGATACCACA GGCAGCTAGG</p>

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Product Details

ATGACACGTC AAAGTAAGAA GCAAGAAGAA GTGGAGCAGC GCTAG

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: PYURF

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

Background: The product of this gene, which is well-conserved, is encoded by the same bicistronic transcript that encodes phosphatidylinositol glycan anchor biosynthesis, class Y, but the two proteins are unrelated. This gene represents the protein encoded by the upstream open reading frame, while the protein encoded by the downstream open reading frame is represented by GeneID:84992. [provided by RefSeq, Aug 2012].

Gene ID: 100996939

NCBI Accession: [NM_032906](#)

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.

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Handling

- Open the lid and add 100 μ l (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)