

Datasheet for ABIN4930419

Human DPH3P1 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	DPH3P1
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 DPH3P1 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	237 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGCAGTAT TTCATGACGA GGTGGAAATC GAGGACTTCC AATATGACGA GGA CTGGAG ACATATTTCT GTCCCTGCCC ATGCGGAGAT AACTTCTCCA TCACCAAGGA AGAGCTGGAG AATGGGGAAG GTGTGGCAAT GTGTCCAGGC TGCTCTCTCA TTATAAAAAGT GATTTATGAC AAAGATCAGT TTGCGTGTGG AGAAACAGTG CCAGTGCCTT CAGTCAACAA AGAATGA
Specificity:	ORF Insert Method: CloneEZ® Seamless cloning technology, recombination-based cloning

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Product Details

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: DPH3P1

Alternative Name: DPH3P1 ([DPH3P1 Products](#))

Background: This gene may represent a processed pseudogene of DPH3, GeneID: 285381, because it lacks the exon/intron structure found in the functional gene. However, it does contain an intact open reading frame and it has not been established that the predicted protein is not translated. The NCBI RefSeq Project continues to treat this as a protein coding gene in agreement with Swiss-Prot. [provided by RefSeq, Jan 2014].

Gene ID: 100132911

NCBI Accession: [NM_080750](#)

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.

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Handling

- 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)