

Datasheet for ABIN4939397

## Human FOLR3 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

### Overview

Quantity:	10 µg
Gene:	FOLR3
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 FOLR3 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	738 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGACATGG CCTGGCAGAT GATGCAGCTG CTGCTTCTGG CTTTGGTGAC TGCTGCGGGG AGTGCCAGC CCAGGAGTGC GCGGGCCAGG ACGGACCTGC TCAATGTCTG CATGAACGCC AAGCACCACA AGACACAGCC CAGCCCCGAG GACGAGCTGT ATGGCCAGTG CAGTCCCTGG AAGAAGAATG CCTGCTGCAC GGCCAGCACC AGCCAGGAGC TGCACAAGGA CACCTCCCGC CTGTACAAC TTAAGTGGGA TCACTGTGGT AAGATGGAAC CCACCTGCAA GCGCCACTTT

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## Product Details

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ATCCAGGACA GCTGTCTCTA TGAGTGCTCA CCCAACCTGG GGCCCTGGAT CCGGCAGGTC  
AACCAGAGCT GGCGCAAAGA GCGCATTCTG AACGTGCCCC TGTGCAAAGA GGACTGTGAG  
CGCTGGTGGG AGGACTGTCTG CACCTCCTAC ACCTGCAAAA GCAACTGGCA CAAAGGCTGG  
AATTGGACCT CAGGGATTAA TGAGTGTCCG GCCGGGGCCC TCTGCAGCAC CTTTGAGTCC  
TACTTCCCCA CTCCAGCCGC CCTTTGTGAA GGCCTCTGGA GCCACTCCTT CAAGGTCAGC  
AACTATAGTC GAGGGAGCGG CCGCTGCATC CAGATGTGGT TTGACTCAGC CCAGGGCAAC  
CCCAATGAGG AGGTGGCCAA GTTCTATGCT GCGGCCATGA ATGCTGGGGC CCCGTCTCGT  
GGGATTATTG ATTCCTGA

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

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Gene: FOLR3

Alternative Name: FOLR3 ([FOLR3 Products](#))

Background: This gene encodes a member of the folate receptor (FOLR) family, members of which have a high affinity for folic acid and for several reduced folic acid derivatives, and mediate delivery of 5-methyltetrahydrofolate to the interior of cells. This gene includes two polymorphic variants, the shorter one has two base deletion in the CDS, resulting in a truncated polypeptide, compared to the longer one. Both protein products are constitutively secreted in hematopoietic tissues and are potential serum marker for certain hematopoietic malignancies. The longer protein has a 71 % and 79 % sequence homology with the FOLR1 and FOLR2 proteins, respectively. [provided by RefSeq, Jul 2008].

Gene ID: 2352

NCBI Accession: [NM\\_000804](#)

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## Application Details

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Restrictions: For Research Use only

## Handling

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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

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Product cited in: Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)