

Specifications:

Gene:	hFOLR1
Accession:	NP_000793
Insert size:	787bp
Concentration:	10µg at 0.2µg/µL

hFOLR1 cDNA Plasmid

FOLR1 folate receptor 1 (adult)
[*Homo sapiens* (human)]

Also known as: FBP; FOLR

Summary:

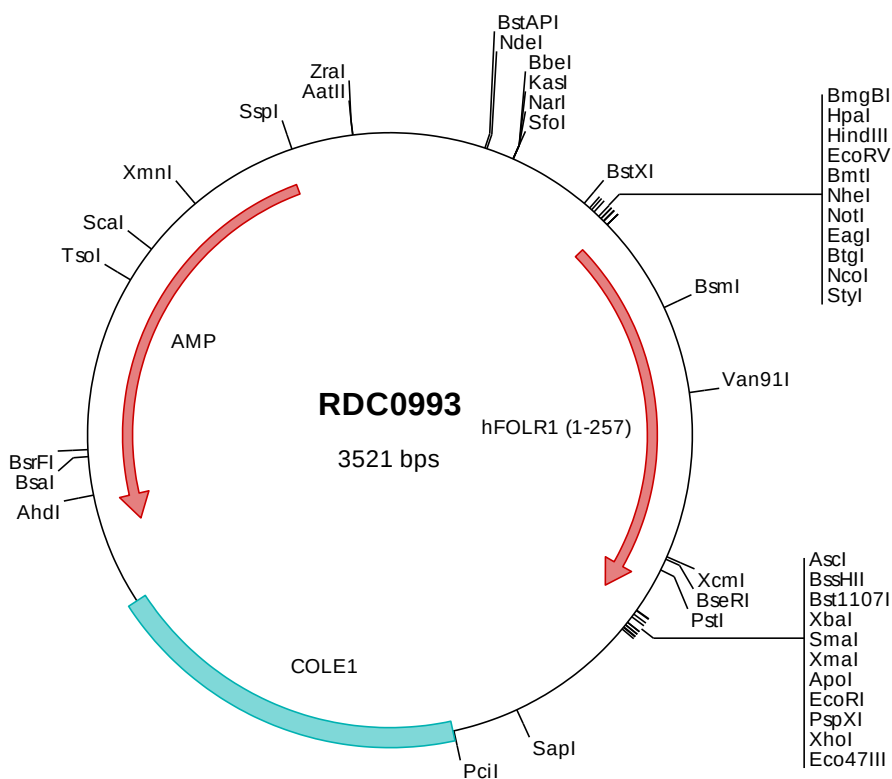
FOLR1 is a member of the folate receptor family and mediates the cellular uptake of folic acid and its reduced derivatives. Dietary folates are required for key steps in amino acid metabolism. It is a secreted protein that either anchors to membranes via a glycosyl-phosphatidylinositol linkage or exists in a soluble form. FOLR1 is predominantly expressed on epithelial cells and is dramatically upregulated on many carcinomas. Alternatively spliced transcripts encoding different proteins have been described.

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.





> RDC0993 Plasmid DNA Sequence

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1   tcgcgcggtt cggatgatgac ggtgaaaacc tctgacacat gcagctcccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101  tcaggggcgc tcagcgggtg ttggcgggtg tcggggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201  ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgatc ggtgcgggcc tcttcgctat
301  tacgccagct ggcgaaaggg ggatgtgctg caaggcgatt aagtgggta acgccagggt tttccagtc acgacgttgt aaaacgacgg ccagtgaatt
401  ggagacgtgt taacaagctt ggateccgata tcgctagcgc ggccgccacc atggctcagc ggatgacaac acagctgctg ctcttctag tgtgggtggc
501  tgtagtaggg gaggtcaga caaggattgc atgggccagg actgagcttc tcaatgtotg catgaacgcc aagcaccaca aggaaaagcc aggcccgag
601  gacaagtgtc atgagcagtg tcgacctggg aggaagaatg cctgctgttc taccaacacc agccaggaag ccataaagga tgtttcttac ctatatagat
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2501 tgtctatttc gttcatccat agttgcctga ctccccgtcg tgtagataac tacgatacgg gagggcttac catctggccc cagtgtgca atgataccgc
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3401 aaaaataaac aaataggggt tccgcgcaca tttcccgaa aagtgcacc tgacgtctaa gaaaccatta ttatcatgac attaacctat aaaaataggc
3501 gtatcacgag gccctttcgt c
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> RDC0993 Translated Insert Sequence

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```