

Product datasheet for SC119667

FOLR3 (NM_000804) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FOLR3 (NM_000804) Human Untagged Clone
Tag:	Tag Free
Symbol:	FOLR3
Synonyms:	FR-G; FR-gamma; FRgamma; gamma-hFR
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC119667 sequence for NM_000804 edited (data generated by NextGen Sequencing)

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ATGGACATGGCCTGGCAGATGATGCAGCTGCTGCTTCTGGCTTTGGTGACTGCTGCGGGG
AGTGCCCAGCCCAGGAGTGCGCGGGCCAGGACGGACCTGCTCAATGTCTGCATGAACGCC
AAGCACCACAAGACACAGCCCAGCCCCAGGACGAGCTGTATGGCCAGTGCAAGTCCCTGG
AAGAAGAATGCCTGCTGCACGGCCAGCACCAGCCAGGAGCTGCACAAGGACACCTCCCC
CTGTACAACCTTAACTGGGATCACTGTGGTAAGATGGAACCCACCTGCAAGCGCCACTTT
ATCCAGGACAGCTGTCTCTNNGAGTGCTCACCCAACCTGGGGCCCTGGATCCGGCAGGTC
AACCAGAGCTGGCGAAAGAGCGCATTCTGAACGTGCCCTGTGCAAAGAGGACTGTGAG
CGCTGGTGGGAGGACTGTCGCACCTCCTACACCTGCAAAAGCAACTGGCACAAGGCTGG
AATTGGACCTCAGGGATTAATGAGTGTCCGGCCGGGGCCCTCTGCAGCACCTTTGAGTCC
TACTTCCCCTCCAGCCGCCCTTTGTGAAGGCCTCTGGAGCCACTCCTTCAAGGTCAGC
AACTATAGTCGAGGGAGCGGCCGCTGCATCCAGATGTGGTTTGACTCAGCCCAGGGCAAC
CCCAATGAGGAGGTGGCCAAGTTCTATGCTGCGGCCATGAATGCTGGGGCCCCGTCTCGT
GGGATTATTGATTCTGA

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Clone variation with respect to NM_000804.2
239 g=>c;320 a=>n;321 t=>n



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_000804 unedited CAGATTTAGTATACGACTCACTATAGGGCGGCCGCGATTCCGGCACGAGGGAGGTCTGCC TCCAGGAATAGATGGACATGGCCTGGCAGATGATGCAGCTGTCTTCTGGCTTTGGTGA CTGCTGCGGGGAGTGCCAGCCAGGAGTGCAGGGCCAGGACGGACCTGCTCAATGTCT GCATGAACGCCAAGCACCACAAGACACAGCCAGCCCCGAGGACGAGCTGTATGGCCAGT GCAGTCCCTGGAAGAAGAATGCCTGCTGCACGGCCAGCACCAGCCAGGAGCTGCACAAGG ACACCTCCCCCTGTACAACCTTAACTGGGATCACTGTGGTAAGATGGAACCCACCTGCA AGCGCCACTTTATCCAGGACAGCTGTCTCTGAGTGTCAACCAACCTGGGGCCCTGGATC CGGCAGGTCAACCAAGAGCTGGCGCAAAGAGCGCATTCTGAACGTGCCCTGTGCAAAGAG GACTGTGAGCGCTGGTGGGAGGACTGTCGCACCTCCTACACCTGCAAAAGCAACTGGCAC AAAGGCTGGAATTGGACCTCAGGGATTAATGAGTGTCCGGCCGGGGCCCTCTGCAGCACC TTTGAGTCTACTTCCCCACTCCAGCCGCCCTTTGTGAAGGCCTCTGGAGCCACTCCTTC AAGGTCAGCAACTATAGTCGAGGGAGCGGCCGCTGCATTAGATGTGGTTTGACTCAGCC CCAGGGCAACCCCAATGATGAGGTGGCGCAAGTTCTATGCTTGCGCCATGAATGCTGGGG CCCCGTCTCGTGGGATATTGATTTCTGACCCAAGAGGGTTCTTTTGGGTTCTTTTCAAA CCTATTCTATTGCCCNCTCCCCACACATTCACCGCTCACCCACACNACCACANCAAAA CAACCCGGGCTCTAATTGGGGCCGGTCAATATTTTTCTGAAACAAACCCGGGTGGC
3' Read Nucleotide Sequence:	>OriGene 3' read for NM_000804 unedited TTTTTTTTTTTTTGTGGGCCATTAATAAGGGTGGTGGGAAAAACCCAAAGGACCCT TTTTGGGTCAGGAATTAATAATCCCCAAAAGGGGCCCAACATTTATGGGCCAACAT AAAAATTGGCCCCCTTCTATTGGGGTGCCCTGGGGTGAAGTCAAACACATTTGGGTGC AGGGGGCGGTTCTTGAATATTATTGGTGACCTTAAGGAGGGGTCAAAGGGCTTTAC AAAAGGGGGTGGAGTGGGAAATAAGACTTAAAGGGGCTTCAAAGGCCCGCCGGCAGAC ACTTATTAATTCCTGGGGCCAATTCCACCTTTTTGCCAATTGCTTTTTAGGGGTAGG AGGGGGGAAAG
Restriction Sites:	NotI-NotI
ACCN:	NM_000804
Insert Size:	670 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_000804.2</u> , <u>NP_000795.2</u>
RefSeq Size:	858 bp
RefSeq ORF:	738 bp

Locus ID:	2352
UniProt ID:	P41439
Cytogenetics:	11q13.4
Domains:	Folate_rec
Protein Families:	Druggable Genome, Secreted Protein
Gene Summary:	<p>This gene encodes a member of the folate receptor (FOLR) family of proteins, 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. Expression of this gene may be elevated in ovarian and primary peritoneal carcinoma. This gene is present in a gene cluster on chromosome 11. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2015]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>