

Product datasheet for **SC202270**

FOLR2 (NM_001113536) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	FOLR2 (NM_001113536) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	FOLR2
Synonyms:	BETA-HFR; FBP; FBP/PL-1; FOLR1; FR-BETA; FR-P3; FRbeta
ACCN:	NM_001113536
Insert Size:	201 bp
Insert Sequence:	>SC202270 3' UTR clone of NM_001113536 The sequence shown below is from the reference sequence of NM_001113536. The complete sequence of this clone may contain minor differences, such as SNPs. Red =Cloning site Blue =Stop Codon

CAATTGGCAGAGCTCAGAATTCA**ACGATCGC**

TGATGCTGCAACTCTGGCTCCTTGCT**TGA**GTTTCAGTCCTCCAGACTACCTGCCCTCAGCTTGGATAACC
AGGCTGGGCTCAGCTCAGCTCCACAAAATGACAGCCCCTTAAGCATGCTTCTATTAGTCACCTAACCCCTC
TGTCACCCAGTCTGTTGCTGCTCCATGGTGGGGCCAAGAGTCACTTCTAATAAACAGACTG

ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCG

Restriction Sites:	SgfI-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_001113536.1</u>



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Summary:

The protein encoded by this gene is a member of the folate receptor (FOLR) family, and these genes exist in a cluster on chromosome 11. Members of this gene family have a high affinity for folic acid and for several reduced folic acid derivatives, and they mediate delivery of 5-methyltetrahydrofolate to the interior of cells. This protein has a 68% and 79% sequence homology with the FOLR1 and FOLR3 proteins, respectively. Although this protein was originally thought to be specific to placenta, it can also exist in other tissues, and it may play a role in the transport of methotrexate in synovial macrophages in rheumatoid arthritis patients. Multiple transcript variants that encode the same protein have been found for this gene. [provided by RefSeq, Jul 2008]

Locus ID:

2350