

## Product datasheet for **SC205477**

### **MTHFD1L (NM\_015440) Human 3' UTR Clone**

#### **Product data:**

**Product Type:** 3' UTR Clones  
**Product Name:** MTHFD1L (NM\_015440) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** MTHFD1L  
**Synonyms:** dj292B18.2; FTHFSDC1; MTC1THFS  
**ACCN:** NM\_015440  
**Insert Size:** 423 bp  
**Insert Sequence:** >SC205477 3'UTR clone of NM\_015440  
The sequence shown below is from the reference sequence of NM\_015440. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GAAACAGAACAAGTTAAAGGCTTGTTCAGTGGACAAGGCTCTCACAGGACCCGATGCAGACTCCTGA
AACAGACTACTTTGCCTTTTGTGTCAGTTGGAGAAGAACTGAATTTGAAAAATGCTGTTATGCA
ATGCTGGAGACATGGTGAAATAGGCCAAAGATTTCTTCTCGTTCAAGATGAATTCGTTACAGTGGA
GTATGGTGTTCGGCAAAAGGACCTCCACCAAGACTGAAAGAACTAATTTATTTCTGTTTCTGTGGAGT
TTCCATTATTTCTACTGTTACTACTTTAGAAATGTTTATTTATGGGGACTAAGGGATTAGGAGTGTGAA
CTAAAAGGTAACATTTTCCACTCTCAAGTTTTCTACTTTGTCTTTGAACTGAAAAATAACATGGATCTA
GAAAACCAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCCTTCTATGAAAGG
```

**Restriction Sites:** Sgfl-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:** [NM\\_015440.5](#)



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**Summary:** The protein encoded by this gene is involved in the synthesis of tetrahydrofolate (THF) in the mitochondrion. THF is important in the de novo synthesis of purines and thymidylate and in the regeneration of methionine from homocysteine. Several transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Jun 2011]

**Locus ID:** 25902

**MW:** 16.7