

Product datasheet for **SC203056**

MTHFS (NM_006441) Human 3' UTR Clone

Product data:

| | |
|---------------|--------------------------------------|
| Product Type: | 3' UTR Clones |
| Product Name: | MTHFS (NM_006441) Human 3' UTR Clone |
| Vector: | pMirTarget (PS100062) |
| Symbol: | MTHFS |
| Synonyms: | HsT19268; NEDMEHM |
| ACCN: | NM_006441 |
| Insert Size: | 1693 bp |



[View online »](#)

Insert Sequence: >SC203056 3'UTR clone of NM_006441
 The sequence shown below is from the reference sequence of NM_006441. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTCCTTTACGAAGACTCGTCAACAGCTTAAATCTGGATTACTACGCCAAATAATCAGTGTTTTATATG
AGAGTAAAGCAAAGTATGTGATTTTTCCCTTGTCAAAAATTAGTTGAAATTGTTTATTAAATGTGAATA
CAGACTGCATTTTAAAATTGTAATTATGAAATACCTTATATAAAACCATCTTTAAAAACCAATAGAAGT
GTGAATAGTAGAATATTAATTAATAATGGAGGCTATCAGCCTGTGATTTTCAGCTTAACTTCTGGTGT
AATGTGACAAGTTGATCTGTCTACTTTGCAATTAAGTTAAATATTTATGAGGAAGTGTGCTCCGACTG
AGTGGCAGAGGAAGGTAACTTGGGGAGTGGGACTGTATTTTACGCTTTTATGACCTGGTCTG
TCCTGGCAGGCACATGGAGACTTGGGGACTATTAATTTATTTGTTGGTATTTGCTTTGGATACAGAATT
CCCTAAGAATATTATCTCACTTCATCATGACTTCTTTACCCACTCTAGAATTTTATGTTGGACACTTT
GTAGCTTTTGGTGGTTAGTGGAGGGAAACCTTTTATGATTTAAATACTTTTACTCCACTGATTGGTTAC
CATCACTGCATGTATCAGCCCTTGATGAGTTTAAAGATCTAGTATCTTATAAGTTAGAAAATTTTCTGT
TTACTCATGGTTTCTGCTTTGAAATGAAATTTGCTGTGAGTTGAAAGTTGGCAGATGGCAACACAGCT
AGGGAGCAATAATTTTGTGTGGGGAGGATTTGGTCATCTCCAGAAACCCGGGAGTACGTTGGCTCTCT
TACTCACACTCCATGTCCATCCTGTCCAGGTCTTGTGATTTTGCCTCTGAAATGCCTCTTAAATCT
ATTCTCTCCTTTCAATTTTCTGTCACTCCTTTGTCCAGCCTTTAGCATTTCTAAGCTGGACTAGGC
GAGAGTGTACACCTGCTTCCCTTGGCTTCCATCTTGCCTTCCAGTTTATTTCTCAAGCTGCAGTCA
AACTGATCTTAGAAAACACGAATCTAATCATGCAGCACCCCTGACTAAGGTCTTCCGGTGGCTGTTTCA
AGCCTCTTGGGTAGCAAACAGATGGCTTCTGTTGTATACAAAGCCCTTAAAGAGAGGTCTCCTCATCTA
CTTTTTCTAGCCTCTTCTCTCCCAACTCTGTATTCTCCTGTAACACTGACTGAGCACTGCAGGCTTCTG
CCCTTTGCACATAGTAAGCATGCATTTCTCTGTCTGAAATGCTCTTTCTGTTGTTTATCTAGAAGAC
TGTTTTCCCTTGAAGACTCAGCCCTAGCATCACCTCTTGTGAAAGTCTTCTGCTACTTTCCCAAGCAG
AGTGAGTGTCTTCCCTTGTCTGAGTGGCCTTGGCCATTGATGTGCTTATCATGTTGTCTTACGTATC
AAATTATTTGTTGCATATCTGTCCCCTTACCATACTGTGAGCTCCAAAGAAAAGAAGTATCTTTAT
ACTTCTTATGCTTAGTACACAAGTACATATAGTGTGTGTGAGAGAGAGAATTTTTTAAATGAAATA
ATTGAATACATTGGAAGTGTTCATTCAAATACTCATCCATTATCTTTGGATAGTAGCATAAATTTG
ATGTTTTATGTACAAAAGTAAAAACATTTGAAAAATA
ACGCGTAAAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
```

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: [NM_006441.4](#)

Summary: The protein encoded by this gene is an enzyme that catalyzes the conversion of 5-formyltetrahydrofolate to 5,10-methenyltetrahydrofolate, a precursor of reduced folates involved in 1-carbon metabolism. An increased activity of the encoded protein can result in an increased folate turnover rate and folate depletion. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Jun 2011]

Locus ID: 10588

MW: 63.4