

Product datasheet for **RN204073**

Mthfs (NM_001009349) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mthfs (NM_001009349) Rat Untagged Clone
Tag: Tag Free
Symbol: Mthfs
Synonyms: MGC95139
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN204073 representing NM_001009349
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGGGCGTACCCTAACAGCGCCAAGCGGGGCTGCGGGCCGAGCTGAAGCAGCGCTTGGAGCTT
 TGGCGCCGAGGAACGGCTGCGCCAGTCTCACCTCCTCACACAGAAGGTGATTGCCACAGTCAGTATCA
 AAATCCAAAAGAATTTCCATCTTCTGAGCATGCAAGATGAAATGAGACGGAAGAAATCATCAAGGAC
 ATTTTCAAACAAGGCAAATCTGCTTCATCCCTCGGTACCAAGTTTACAGCAATCATGGACATGGTGA
 GGTAACAGCACCTGAAGAAGTTGCTTTACTTCCAAGACATCTTGAATATTATCAGCCTGGTGAGGG
 AGATGTTCCGGGAGGAGCCTTATCCACTGGTGGACTTGACCTCATCTTCTTCTGGCCTCGGGTTTGAC
 AAAGATGGCAACCGGCTGGGTCGGGGCAAGGGTACTATGACACCTACCTGAAGCGCTGTGTACAGCATC
 AGAAAGTGAAGCCCTACACCTTGGCTTTGGCTTTAGAGAGCAGATCTGTCCACAGATCCAGTGGATGA
 GCACGACATGAAGGTAGATGAAGTCCTTACGAAGACTCCCCAACATCT**TAA**

ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001009349
Insert Size: 612 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).



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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_001009349.1</u> , <u>NP_001009349.1</u>
RefSeq Size:	2782 bp
RefSeq ORF:	612 bp
Locus ID:	300886
Cytogenetics:	8q31