

Product datasheet for RN211237

Mthfd2l (NM_001107211) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mthfd2l (NM_001107211) Rat Untagged Clone
Tag: Tag Free
Symbol: Mthfd2l
Synonyms: RGD1310879
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN211237 representing NM_001107211
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGACGCGGGCCCGTGGCTTGTGCTGCTCCGGGGCCGCCTGGGCCGAGGGCCTGCGCGAGCCCGG
GCGTAGCGGAGCGCGCTGGCGGGGCTTCGGGAGCAGCAGCCGAAGACACGAAGCCGTTATCATCTCAGG
AACTGAAATGGCCAAACAGATCCGGAGAGAACTACAGCAAGGTGTGAATCGTGGCTTGTCTTGGGAAC
AGGAGGCCTCACCTCAGTATCATTTTAGTGGGAGATAACCCAGCAAGCCACACCTACGTCAGGAATAAGA
TCAGAGCCGCTTCTGCTGTAGGCATCTGCAGTGAGCTCATCGTGAAGCCCAAGAATGTTTCTCAGGAGGA
ACTTTTGGATATCACTGATCAACTGAACATGGACCAAGAGTCAGTGGGATATTAGTTCAACTACCCCTT
CCAGACCACGTGGATGAGAGAACAATATGCAATGGGATCGCTCCCGAAAAAGACGTAGATGGGTTTCACA
TTATCAATATCGGAAGACTGTGCCTTGACCAGCATTTCGCTGATCCCGCCACGGCCAGCGCCGTTTGGGA
AATCATCAAAGAGCAGGCATTGAAACATTTGGAAAAACGTGGTTGTGGCAGGACGATCCAAGAACGTG
GGCATGCCGATCGCCATGTTGCTGCACACGGACGGAGAGCAGCAGCGCCCGGAGGCGGATGCGACGGTGA
CCATAGCTCACAGACACACCCCGAGAGCAACTGAAGGCCATACTCAGCTGGCAGAGATTATCATAGT
GGCTGCAGGTATTCTGGGCTGATTACTGCTGACATGGTCAGAGAAGGCGCAACAGTGATTGACGTGGGC
ATCAACTACGTACAAGATCCTGTGACAGGAAAGACCAAGTTAGTTGGAGATGTGGACTTTGAAGCTGTTA
AGAAGAAGGCCAGCTTTATCACTCCAGTCCCAGGAGGTGTGGACCCATGACTGTGGCCATGCTTCTGAA
GAACACACTTCTGGCTGCCAAGAATATCACCTAC**TAG**

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001107211



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Insert Size:	1017 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_001107211.1</u> , <u>NP_001100681.1</u>
RefSeq Size:	2211 bp
RefSeq ORF:	1017 bp
Locus ID:	305248
UniProt ID:	<u>D3ZUA0</u>
Cytogenetics:	14p22