

## Product datasheet for **SC104465**

### **MTHFD2L (BC032771) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	MTHFD2L (BC032771) Human Untagged Clone
Tag:	Tag Free
Symbol:	MTHFD2L
Synonyms:	FLJ13105; methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 2-like; MGC45532; MGC72244
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for BC032771, the custom clone sequence may differ by one or more nucleotides

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ATGGACCCAAGAGTCAGCGGTATATTAGTTCAGTTACCACTACCAGACCAGTTGATGAGCGAACAAATAT
GCAATGGAATTGCCCGAGAAAAAGATGTAGATGGATTTTCATATTATCAATATTGGAAGATTGTGCCTTGA
TCAGCATTCTCATACTGCCACTGCCAGTGCTGTTTGGGAAATAATAAAAAGAACAGGAATTCAAACA
TTTGGAAAAAATGTGGTTGTGGCTGGAAGATCCAAGAACGTAGGGATGCCTATTGCCATGCTTTTACACA
CTGATGGAGAGCATGAACGGCCAGGAGGTGATGCAACTGTGACAATAGCTCACAGATACACCCCAAAGA
GCAACTGAAGATTCATACGCAGCTGGCAGATATTATCATAGTTGCTGCAGAGAGATTTACCATTTTGCC
CAGGACCTCTCCAACCTCCTGA
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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for BC032771 unedited CCGCCCCGTTGNCGCATAGGGCGGTAGGCGTGTACGGTGGGAGGTCTATATAAGCAGAGC TCATTTAGGTGACACTATAGAATACAAGCTACTTGTCTTTTTGCAGCGGCCGGAATTC GGCACGAGGCCGCTTGGCCGAGCGCCGGCGTTGGGCAGAAGCACAGCACCCCTCCGTAAG GGCACCGGGAGAGCCCGGAGTGCCTCCGGGGCTTTCGGAGCAGCGGTGTGAGGACCAG CAGAGAGAAGAGATTCCATCTTCCAGAGACATGAAGCCATTATTATATCAGGAACCGAAA TGGCCAAGCATATCCAGAAAGAAATACAGCGAGGTGTGAATCATGGGTTCCCTTGAA ACAGAAGACCTCACCTCAGTATAATTTTAGTGGGAGATAACCCAGCAAGCCATACATATG TCAGGAATAAGATAAGAGCTGCCTCTGCTGTAGGTATTTGTAGTGAGCTATTCTAAAAAC CTAAGGATGTTTCTCAGGAAGAACTTTTGGACGTAACCTGATCAATTGAATATGGACCCAA GAGTCAGCGGTATATTAGTTCAGTTACCACTACCAGACCAGTTGATGAGCGAACAATAT GCAATGGAATTGCCCCAGAAAAAGATGTAGATGGATTTTCATATTATCAATATTGGAAGAT TGTGCCTTGATCAGCATTCTCTCATACCTGCCACTGCCAGTGTGTTGGGAAATAATAA ANAGAACAGGAATCAAACATTTGGAAAAATGTGGTTGTGGCTGGAAGATCCAAGAACG TANGGATGCCTATTGCCATGCTTTTACACACTGATGGAGAGCATGAACGGGCCAGNAGTG ATGCAACTGTGANCATAGCTCACAGATACACCCCAAAGAGCAAAGCTGAGATTCATACGC AGCTGGCAGATATATCATAGTTGCTGCAGGTATCCAAAGTGATACGCTCTGATATGGTAA AGAGTGTCTGTATTGATGGGGTATCACTATGTCCGATCAGG
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	BC032771
<b>Insert Size:</b>	2300 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">BC032771.1</a> , <a href="#">AAH32771.1</a>
<b>RefSeq Size:</b>	1437 bp
<b>RefSeq ORF:</b>	1437 bp
<b>Locus ID:</b>	441024
<b>Cytogenetics:</b>	4q13.3
<b>Domains:</b>	THF_DHG_CYH