

Product datasheet for SC113259

MTFR1L (NM_019557) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MTFR1L (NM_019557) Human Untagged Clone
Tag:	Tag Free
Symbol:	MTFR1L
Synonyms:	FAM54B; HYST1888; MST116; MSTP116
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC113259 sequence for NM_019557 edited (data generated by NextGen Sequencing) <pre> ATGTCAGGAATGGAAGCCACTGTGACCATCCCAATCTGGCAAAACAAGCCACATGGGGCT GCTCGAAGTGTAAGTAAGAAGAAATTGGGACCAACCTACCCTTGAAGCCGTGTGCCCCGGCG TCCTTTGAGACCCTGCCCAACATCTCTGACCTGTGTTTGAGAGATGTGCCCCAGTCCCT ACCCTGGCTGACATCGCCTGGATTGCTGCGGATGAAGAGGAGACATATGCCCGGGTCAGG AGTGATACGCGCCCCCTGAGGCACACCTGGAAACCCAGCCCTCTGATTGTCATGCAGCGC AATGCCTCTGTTCCCAACCTGCGTGGGTCCGAGGAGAGGCTTCTGGCCCTGAAGAAGCCA GCTCTGCCAGCCCTAAGCCGCACTACTGAGCTGCAGGACGAGCTGAGCCACTTGCGCAGC CAGATTGCAAAGATAGTGGCAGCTGATGCAGCTTCGGCTTCATTACGCCAGATTTCTTA TCTCCAGGAAGTTCAAATGTCTCTTCTCCCTTACCTTGTTTGGATCCTCATTCCACTCT ACAACTTCCTTTGTCAATTAGTGACATCACCGAGGAGACAGAGGTGGAGGTCCCTGAGCTT CCATCAGTCCCCCTGCTTTGTTCTGCCAGCCCTGAATGTTGCAAACCAAGACACAAAGCT GCCTGCAGTTCGTCTGAAGAGGATGACTGCGTCTCTTTGTCCAAGGCCAGCAGCTTTGCA GACATGATGGGTATCCTGAAGGACTTTCACCGAATGAAACAGAGTCAAGATCTGAACCGG AGTTTATTGAAGGAGGAAGACCCTGCTGTGCTTATCTCTGAGGTCCTAAGGAGGAAGTTT GCTCTAAAGGAAGAAGATATCAGTAGAAAAGGAAATTGA </pre>

Clone variation with respect to NM_019557.5



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_019557 unedited
 GGTTCAAATTTTGTAAATACGAACTCACTATAGGGCGGCCGCAATCGGCACGAGGGCAGG
 GCCCTGCGCTGGAGGAGCTCCCGTTCTCCTGAGGGGACGCTGTGAGCAGACAGCAACTG
 CAGCCTCCGGAGGGCTGCGGGGCGCAGAGATGGCCTGATGAAGGAGTCACGCCTCCCG
 CCTCCCGAGCTGCCAGTGGCTGCCTTGTCTTCAAGTGCAGGAGCTGGTTCAAATGTC
 AGGAATGGAAGCCACTGTGACCATCCCAATCTGGCAAAACAAGCCACATGGGGCTGCTCG
 AAGTGTAGTAAGAAGAATTGGGACCAACCTACCCTTGAAGCCGTGTGCCCGGGCGTCTCT
 TGAGACCCTGCCAACATCTCTGACCTGTGTTTGAGAGATGTGCCCCAGTCCCTACCCT
 GGCTGACATCGCCTGGATTGCTGCGGATGAAGAGGAGACATATGCCCGGGTCAGGAGTGA
 TACGCGCCCCCTGAGGCACACCTGGAAACCCAGCCCTCTGATTGTCATGCAGCGCAATGC
 CTCTGTTCCCAACCTGCGTGGGTCCGAGGAGAGGCTTCTGGCCCTGAAGAAGCCAGCTCT
 GCCAGCCCTAAGCCGCACTACTGAGCTGCAGGACGAGCTGAGCCACTTGCAGCAGCCAGAT
 TGCAAAGATAGTGGCAGCTGATGCAGCTTCGGCTTCATTAACGCCAGATTTCTTATCTCC
 AGGAAGNTCAAATGTCTCTTCTCCCTTACCTTGTNTGGATCCTCATTCCACTCTACNA
 ACTCCTTTGTCTTAGTGACATACCCGAGAGACCAGAGTGGNAGTCCCTGAGCTCTCAT
 CAGTCCCCCTGCTTTGTTCTGCCAGCCCTGAATGTTGAAACACNAACACAAGCTGCCTG
 CAGTTCGTCTGAAAAG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_019557 unedited
 GCTCCAGTCTTCTTTATGTCAGGTAGTGCTTCAACCCAAACACAAGCAGTATACATAC
 CATAGAGAAAGGGACCTGAGGGCATCTGAGTCATGCATGGTGTGGTACATACAAACCTTG
 GCCCAGCCCAAAGGAGCAGTCAAGGGCCTGGAAGAAAGATGGTTTGTCTTTCCCTCC
 TCCTCTCTCTTCTACCGGGCTTAAAGTCCGTGGAAGAGAAAGTTTTTAATCAGTGGAA
 CTGATAAGGCCTCAGGGCCGTGGAGGGTAGATTTGGTTGTTCAGTAATATAAAATGTGTT
 TAAGAAAAAAACAGCCAGGCTTCCCAGCAGTAGCCCATGTGTTGGCTGGTTTCAGCAGC
 CTGACCTCTACATCTAGACAAGGAAGTGAGGAGGGTGATTGCTGGGCATTGGTGTAGGTT
 TATGACGGAGCAGCATAAGATTTTCCGTGCCCTGTGAACATGTATTCAAACATTCATAGC
 CCCTTCCCTCAGCCCTGCTCTGCTGCAAGGAAGCTGCTGAGTGAGTGACAGCTGGGCAC
 AAAGTGTCTTGTGAGACCAGCTATAGGGTCTAATGCAGTGAAGTCAGTCATTTAGGACCT
 ATTTTCACACAGGGGCAAGGAAAAACAGAAACAATCTCTCTTACCCTTTAACTAAG
 ATACTTCATTCTACACGATTACCTGAAACAAATGTCTCAGGTCAAATCACAAGCCTTAGC
 TTCTGCTAGGGTTTGAAGTCTGGGAAATATATAATCCAGCTCTTCTCTTTCAGTCCAAGC
 TCTAGCTTTGTCAGCAGACTGTTGCAGAAGATCTATCCTTAAGAGGCAGAACATCTGCNG
 TGAGGAAGGCAGCTATTGAAGGTATTCCAGAGCTGAGACTGAGTTTGCAGACTGAGGGTG
 NCAAAATCCTTTCTACTGTATCTTCTCCTTTAGAGCAACTNCTCCTTAGACTANAGATAG
 CCAGCAGGTCTTCTCTTCATAACTCGNTCAAACCTGACTTGTTTCATCGGGAAGTCCTCAG
 G

Restriction Sites:

NotI-NotI

ACCN:

NM_019557

Insert Size:

2100 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:

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: [NM_019557.3](#), [NP_062457.2](#)

RefSeq Size: 2119 bp

RefSeq ORF: 879 bp

Locus ID: 56181

UniProt ID: [Q9H019](#)

Cytogenetics: 1p36.11