

## Product datasheet for **RG215805**

### MTFR1L (NM\_001099626) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** MTFR1L (NM\_001099626) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** MTFR1L  
**Synonyms:** FAM54B; HYST1888; MST116; MSTP116  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG215805 representing NM\_001099626  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTCAGGAATGGAAGCCACTGTGACCATCCCAATCTGGCAAACAAGCCACATGGGGCTGCTCGAAGTG  
TAGTAAGAAGAATTGGGACCAACCTACCCTTGAAGCCGTGTGCCCGGGCGTCCTTTGAGACCCTGCCAA  
CATCTCTGACCTGTGTTTGTAGAGATGTGCCCCAGTCCCTACCCTGGCTGACATCGCCTGGATTGCTGCG  
GATGAAGAGGAGACATATGCCCGGGTCAAGAGTGATACGCGCCCCCTGAGGCACACCTGAAACCCAGCC  
CTCTGATTGTCATGCAGCGCAATGCCTCTGTTCCCAACCTGCGTGGGTCGAGGAGAGGCTTCTGGCCCT  
GAAGAAGCCAGCTCTGCCAGCCCTAAGCCGCACTACTGAGCTGCAGGACGAGCTGAGCCACTTGCGCAGC  
CAGATTGCAAAGATAGTGGCAGCTGATGCAGCTTCGGCTTCATTAACGCCAGATTTCTTATCTCCAGGAA  
GTTCAAATGTCTCTTCTCCCTTACCTTGTGTTTGGATCCTCATTCCACTCTACAACCTCCTTTGTCTAGT  
TGACATCACCGAGGAGACAGAGGTGGAGGTCCCTGAGCTTCCATCAGTCCCCCTGCTTTGTTCTGCCAGC  
CCTGAATGTTGCAAACGAGAACAAGCTGCCTGCAGTTCGCTGAAGAGGATGACTGCGTCTCTTTGT  
CCAAGCCAGCAGCTTTGCAGACATGATGGGTATCCTGAAGGACTTTCACCGAATGAAACAGAGTCAAGA  
TCTGAACCGGAGTTTATGAAGGAGGAAGACCCCTGCTGTGCTTATCTCTGAGTCCCTAAGGAGGAAGTTT  
GCTCTAAAGGAAGAAGATATCAGTAGAAAAGGAAAT

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA



[View online »](#)

**Protein Sequence:** >RG215805 representing NM\_001099626  
 Red=Cloning site Green=Tags(s)

MSGMEATVTIPIWQNKPHGAARSVVRIRIGTNLPLKPCARASFETLPNISDLCLRDVPPVPTLADIAWIAA  
 DEEETYARVRS DTRPLRHTWKPSPLIVMQRNASVPNLRGSEERLLALKKPALPALSR TTELQDEL SHLRS  
 QIAKIVAADAASALTPDFLSPGSSNVSSPLPCFGSSFHSTTSFVVISDITEETEVEPELPSVPLLCSAS  
 PECCCKPEHKAACSSSEEDDCVSLSKASSFADMMGILKDFHRMKQSQDLNRSLLKEEDPAVLI SEVLR RKF  
 ALKEEDISRKGN

TRTRPLE - GFP Tag - V

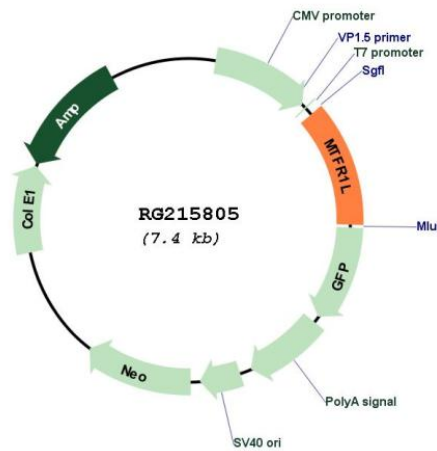
**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



**Plasmid Map:**



**ACCN:** NM\_001099626

**ORF Size:** 876 bp

<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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="#">NM_001099626.1</a> , <a href="#">NP_001093096.1</a>
<b>RefSeq Size:</b>	2074 bp
<b>RefSeq ORF:</b>	879 bp
<b>Locus ID:</b>	56181
<b>UniProt ID:</b>	<a href="#">Q9H019</a>
<b>Cytogenetics:</b>	1p36.11