

## Product datasheet for MC212184

### Mtrf1l (NM\_175374) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Mtrf1l (NM\_175374) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Mtrf1l  
**Synonyms:** 9130004K12Rik  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC212184 representing NM\_175374  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGCGGAGCGGGTTTCTGAGCGGTGCCCGGCCCTGTGGGCCCGCCGCGCTTCAGCCGCACGCCCGCC  
 CTTCCGAGGAGCTCCTCGCCCGCGGGCCCTGCGGGCCTTCTGGAGCGCCGCTGGCTCGGAGGC  
 CGGTGGTCTGGAGCTGGGTACCCAGCTGGCCGCGCCCGCCGACTGCTGAGCGAGAAGGAGCGGGAG  
 CTGCGGGACACGGAGTCATTGCTGCACGATGAAAATGAAGATTTAAAGAACTTGCAGAGAGTGAATAG  
 CTTTGTGTCAAAAACAAATAACTGAGCTGAAGCATCAGATTATCTCACTGTTGGTTCTTCGGAAGAAAT  
 GGATGGGAGTGACTTGATCCTGGAGGTGACTGCGGGTGTGGTGGTCAGGAAGCCATGCTTTTCACTTCT  
 GAGATGTTTGACATGTACCAGCAGTACGCTGCATTTAAAAGATGGCATTGAAACACTGGAATATTTCC  
 CCAGTGAAGTGGTGGCCTTAGACATGCGTCAGCCAGCGTTGGCGGCCAGAAAGCCTATAGACACATGAA  
 GTTTGAAGGAGGAGTGACAGAGTCCAGAGGGTGCCAAAGACGGAGAAGCAGGGCCGCATCCACACGAGC  
 ACCATGACAGTGGCAATTCTGCCCCAGCCTACTGAGATTAAGTGGTATCAATCCTAAAGATTTGAGAA  
 TCGATACTAAAAGAGCGAGTGGGGTGGCGGTGAGCAGTAAACACCACAGACAGTGTTCGGATAGT  
 TCATCTGCCTACAGGTATTATTTCTGAATGCCAGCAAGAGAGATCTCAGCTGAAGAACAGGGAGCTGGCT  
 ATGAAAAAGTTACGTGCAAGGCTATATAGCATGCATCTGGAGGAAGAACTGCTAAAAGATACAACGCTC  
 GGAAGATCCAGGTTGAACTAAAGGAAGATCAGAGAAAATAAGAACATACAACCTTCCACAGAACAGGGT  
 CACAGATCACAGAATAAACAAGTCACTGCACGACCTTGAGAGCTTTATGCAAGGAGACTGTCTTCTGGAT  
 GACATGATTCAGTCACTGAAGGACTGTTTCGATTATGAGGCTCTAGTAGAAATGATTTCCAGAAGAGACT  
 AA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI



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<b>ACCN:</b>	NM_175374
<b>Insert Size:</b>	1122 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>	<u><a href="#">NM_175374.3</a></u> , <u><a href="#">NP_780583.1</a></u>
<b>RefSeq Size:</b>	2621 bp
<b>RefSeq ORF:</b>	1122 bp
<b>Locus ID:</b>	108853
<b>UniProt ID:</b>	<u><a href="#">Q8BJU9</a></u>
<b>Cytogenetics:</b>	10 A1
<b>Gene Summary:</b>	Mitochondrial peptide chain release factor that directs the termination of translation in response to the peptide chain termination codons UAA and UAG.[UniProtKB/Swiss-Prot Function]