

Product datasheet for RN212532

Mtrf1l (NM_001025723) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mtrf1l (NM_001025723) Rat Untagged Clone
Tag: Tag Free
Symbol: Mtrf1l
Synonyms: MGC116100
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN212532 representing NM_001025723
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCGGAGCGGGTTTCTGCGCAGTGCCCGGCCCTGTGGGCCCGCCGCGCCATCAGCCGCATGCCACCGC
CTTCCGAGGAGCTCCTCGCCCGCGGGCCCTGCGAGCCTTCTGGAGCGCCGCTGGCTCGGAGGC
CGGCGGTCTGGAGCTGGGAGTCCCAGCTTGCCGCGCGGCCCGCTGTGAACGAGAAGGAGCGGGAG
CTACGGGACACTGAATCCTTGCTGCACGATGAGAATGAAGATTTGAAGAACTCGCAGAGAGTGAGATAG
CTTTGTGTCAAAAAGAAATAGCCGAGCTGAAGCATCGGATCATCTCCCTTTTGGTTCTTTCAGAAGACAT
GGATGGCAGTGACCTGATCCTGGAGGTGACTGCGGGTGTGGTGGTCCAGGAAGCCATGCTTTTCACTTCT
GAGATGTTTGACATGTACCAGCAATACGCTGCATTTAAAAGATGGCATTGAAACACTGGAATATTTCC
CAAGTGAAGTGGTGGCCTCAGACATGCATCAGCCAGCATCGGAGGTCCAGAAGCCTACAGACACATGAA
ATTTGAAGGAGGAGTACATAGAGTACAGAGAGTACCAAAGACAGAGAGGCAAGGCCCATCCACACCAGC
ACCATGACGGTGGCAATTCTGCCCCAGCCTACTGAGATTAAGTGGTATTAAACCCTAAAGATTTGAGAA
TTGATACGAAGAGAGCAAGTGGAGTGGAGGTGAGCAGTAAATACCACAGACAGTGTCTCGGATAGT
TCATCTTCCACAGGTATTATTTCTGAATGCCAGCAAGAAAGATCTCAGCTGAAGAACAGGGAGCTGGCT
ATGAAAAAGTTACGTGCAAGGTTATACAGCATGCGTCTAGAGGAAGAACTGCTAAAAGATACAGCGCTC
GAAAGATCCAGGTTGAACTAAAGGAAGATCAGAGAAAATAAGAACATACAACCTTCCACAAAATAGGGT
CACAGATCACAGAATAAACAAATCACTACATGACCTTGAGAGCTTCATGCAAGGAGACTGTCTTCTGGAT
GACCTGATACAGTCACTGAAGGACTATTCAGATTATGAATCTCTAGTAGAAATGATTTCCAGAAAAGACT
AA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



ACCN:	NM_001025723
Insert Size:	1122 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_001025723.1, NP_001020894.1</u>
RefSeq Size:	1264 bp
RefSeq ORF:	1122 bp
Locus ID:	361473
UniProt ID:	<u>Q4V7E5</u>
Cytogenetics:	1q11
Gene Summary:	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]