

Product datasheet for **RC226510**

MTFR1 (NM_001145839) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MTFR1 (NM_001145839) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	MTFR1
Synonyms:	CHPPR; FAM54A2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC226510 representing NM_001145839 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTTGGCTGGATTAAGCGCCTAATTAGGATGGTTTTTCAACAAGTTGGAGTAAGCATGCAATCGGTAC
TTTGGTCTAGGAAGCCATATGGTTCGTCTCGAAGTATCGTAAGGAAAATTGGTACTAATTTGTCTCTGAT
TCAGTGTCCAAGAGTTCAGTTTCAGATTAACAGCCATGCAACAGAATGGAGTCCCAGCCACCCAGGAGAG
GATGCAGTGGCGTCTTTTGCTGATGTTGGATGGGTAGCCAAAGAAGAAGGAGAGTGTTCAGCAAGACTAA
GGACAGAGGTGAGATCAAGGCCACCCCTTCAGGATGACCTTCTTTCTTTGAGAAGGCCCAAGCAGACA
GATTTCTTACCAGACTTGTCTCAAGAAGAGCCTCAGCTGAAGACCCAGCGCTGGCAAATGAGGAAGCA
CTGCAGAAGATTTGCGCTCTCGAAAATGAACTTGCTGCTCTCAGAGCTCAGATTGCCAAAATTTGTGACCC
AGCAGGAGCAGCAAAATCTCACTGCAGGTGACTTAGATTCTACCACATTTGGTACCATACCACCACACCC
TCCACCTCCCCACCGCCCTGCCTCCCCCTGCACTGGGGCTCCACCAAAGTACATCTGCTGTTGATCTG
ATTAAGAACGAAGAGAGAAAAGAGCCAATGCTGGAAAGACTTTGGTTAAGAACAATCCAAGAAACCTG
AAATGCCAAATATGCTAGAGATCCTTAAGAGATGAACAGTGTAAACTTCGGTCAGTGAAGAGGTCAGA
GCAAGATGTGAAGCCCAAGCCAGTGGATGCTACTGACCTGCTGCCCTCATAGCAGAGGCTCTGAAAAAG
AAATTTGCTTATCGGTATCGAAGTGATAGCCAAGATGAAGTTGAAAAAGGAATTCAAAGTCTGAATCAG
AGGCCACCTCAGAGAGAGTGTGGTGAGTTATTTGCCAGATTTCTTTCTGTTATGTAGAAATCCATCC
CATTGCCAAGCACTTGCAATTTGCAAGTGATTCACCTGTGTCATCTGTAAGTTCCAAAGGGAGG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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_001145839.1](#), [NP_001139311.1](#)

RefSeq ORF: 1047 bp

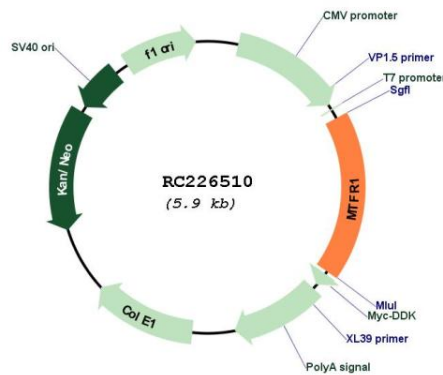
Locus ID: 9650

Cytogenetics: 8q13.1

MW: 38.5 kDa

Gene Summary: This gene encodes a mitochondrial protein that is characterized by a poly-proline rich region. A chicken homolog of this protein promotes mitochondrial fission and the mouse homolog protects cells from oxidative stress. A related pseudogene of this gene is found on chromosome X. [provided by RefSeq, Mar 2009]

Product images:



Circular map for RC226510