

Product datasheet for **SC215097**

MTFR1 (NM_001145838) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	MTFR1
Synonyms:	CHPPR; FAM54A2
Mammalian Cell	Neomycin
Selection:	
Vector:	pMirTarget (PSI00062)
ACCN:	NM_001145838
Insert Size:	1556 bp



Insert Sequence:

>SC215097 3'UTR clone of NM_001145838

The sequence shown below is from the reference sequence of NM_001145838. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
GCTTTAATTGAAAATGTATCAGACTCCTAATAGACAATGAGCTGCGAAAAGACTCCTGGTTCCTGTT
GATTTGTGAGGGCCAAGTTTGCTAGTAGAAATCGACACTGTTTAGTAAATACCTCTTTAGTATTCAGTG
GTCTTCTTTTCAGGCTAATTAGTGGATTAAGCAATAATGAAAGCACTAAGTTTGGTTTTGCTTTGTGA
GATGGTCAGCTTTGGTGCTCTCCACAACATGTGTGTTCTGACATGTTTCTAATATGTGGCCAGGGCGTT
CAGATTTCCAGTTTTGAAAACAATTGTATAGATTTCAACAACAAAAAGGACATTTGTGGATGTTACTG
CACATTTTAAATTTTAACTAATTTATCTGTATAAGTGTGTTTATATGCATATTTTGGACATAAACA
GTTTATGTAATAATAGTAATGAATGATGGCAACGAGGGCACTGTTATCTCGTTTGTGTTTCAATGATCA
TTTAGCATTCAATGATGGAACAGCTGGTATAACATAAGTTGTTGGCATGAAATATTTGAGATTGGAAC
TTCTTGCTTGAACAGAACTTATATCTTAGATTCTCTCACATTTCTTGAGCTGGGGTTTGAATAG
GAACCAGATGATGTTCACTGCTGAAATCCATAATGCTTCCCATGAAGGGAAGTTGAGAACCAGGAAA
GCTGCTTTCACGTCATTGCCATCCAGTACTGACAGGGAAGAAAGATGTAGTTTCCAGTAGTGATGAAT
CAAATTATTGAATTAATTTCTTCTTAAGAAGTAAAACTCAGAATGTACCATCTGTTTCTTTTCAGT
TTATTAATGGCATCATAAAGATGACTTTGCTAAGTTAATAGAGTTAAAAATTTTTTAATAAGCCA
AAATATTAACTTTAAATGAACATTGACTTGGCAAATGAATTTCTATAAATTATCATTGGTCAGAATGC
TGTTTTGTGTAATAATATTACGCAACATAAACCATAGGTGTTATTAGAAGTGGAGAACTGCCTTTTTCA
TCTGGGGCTTTTAAAGACTTGCTATAAATGATTATTTTTTAAATGCTTTATAAATCTTCATGGTTTTTC
TATTTCTGATACACTCAGCTATAGTTAATACCAGAGTATCCTACCAGGAGTAATATTTGGAATATTTAA
ATCTAGTAAAGAAGAAAGTTGTACTTCTGGCTGGGAGTATTAGGAGATGGGAGTAGAGATTCACTTT
TAAGTCTTGAAAATATATGCATTCTCCTAAATATTAACAAAAATGATTGGGGAAATGACATGGCTTG
ATTGTTCTGTTTAAATTTGACTGTGGCTTATGTTACACATGTTTCATGTTACCTCTCATTACCTGTT
TTATATGGTTTAAATTTCTTTTAAACAAAATTCAGAAAATTCACCTGAAACGTATTTTGACCTAAAAGA
AACATATTTTGTATCAGTATTGAATTTTGGACAGTGGCCCATATAAGGAAGTTACTGTTTAAAAATA
AAGCAACTAACTGTTTATTTTCTTGGACAAAAAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites:

SgfI-MluI

OTI Disclaimer:

Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components:

The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

Note:

Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq:

NM_001145838.1

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]

Locus ID: 9650

MW: 60.1