

Product datasheet for **SC210994**

MTRFR (NM_001143905) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MTRFR (NM_001143905) Human 3' UTR Clone
Symbol:	MTRFR
Synonyms:	C12orf65; COXPD7; SPG55
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001143905
Insert Size:	958 bp
Insert Sequence:	>SC210994 3'UTR clone of NM_001143905 The sequence shown below is from the reference sequence of NM_001143905. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGATCGCC
CTGTGGGAGTCAAGTAAAAAGGTCCACTAGAAAAGAATTAGAGATTCCAAGTACAGAAATCTGCCAGA
AGCTCCAGGGAATAATGGTGGCGAGTTCCATCACCAGCATTATTATAGTGCTTCAAAAGAAATATTTT
TGATGAACCTAAAAGACAACAAATTTATTTAAATGGTGCCTAACTGTAGTGAACAGAGACATGCACG
ATTCAAGAATAAACTCGGCTGGGCACGGTGGACGGTGCCTCACATCTGTAATCCAGCACTTTGGGAG
GCCGAGGCGGGCGGATCACTTGAGGTCAAGGAGTTTGAGACCAGCCTGGCCAACATGGTGAACCCCGTC
TCTACTAAAAATACAAAAAATTAGCCAGGCATGGTGGCGGGCACCTGTAATCCCAGCTACTCGGGAGGC
CGAGGCAGGAGAATTGCGTGAACCTGGGAGGCGGAGGTTGCAGTGAGCTGAGATCGCGCCACTGCACTC
AAGCCTGGGCAACACCTGGGTGACAGAGCGAGACCCCATCTCAAAAAAAAAATAAACTAGTTCAAGTG
CAATGACACACGCCTATAATCCCAGCACCTTGGGAGGCTAAGACAGGAAGATCACCTGAGCCCAGGAGC
TCAAGATTGCAGTGAGCTATGAACACCACTGCACTCCACCTGTCCACTTGTCTTGTGTGACAGAACAA
GACCCTGTCTCTAAAAAATAAGATAAAACCATAAAGAAACACAGTCAGTACTATACAAGAATAATGGCT
ACTTCTAGAGGGAAGGAGTTGTCTTGTGATGAGGCACCTTGGAGGGGTTCTGGGGTGCCTGACAAAGTT
CTGTTTCTCACCTGGGTGGTAGTTAGTAAGGGTGTCCCGTATTTCAAATTGTACCTTTGTGAGATTGT
ATGTTTTGTAATAATAAAATTTTTTTGTAATTAGTAAAGTCAATTTTTATGGAGAACTGG
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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.
RefSeq:	<u>NM_001143905.2</u>
Summary:	This nuclear gene encodes a mitochondrial matrix protein that appears to contribute to peptide chain termination in the mitochondrial translation machinery. Two different 1 bp deletions (resulting in the same premature stop codon) result in decreased mitochondrial translation, decreased levels of oxidative phosphorylation complexes and encephalomyopathy. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2010]
Locus ID:	91574
MW:	35.5