

Product datasheet for SC210577

MT (MCAT) (NM_173467) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MT (MCAT) (NM_173467) Human 3' UTR Clone
Symbol:	MT
Synonyms:	fabD; FASN2C; MCT; MCT1; MT; NET62
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_173467
Insert Size:	864 bp
Insert Sequence:	>SC210577 3'UTR clone of NM_173467 The sequence shown below is from the reference sequence of NM_173467. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
GACCTGGACCTCAGGAGCCCCGAGATGACTGCGAGGGGCTCAAATGCGATGACCCCTCTGTCTCTCC
TGAGGAGAGGCTGTAGGCTGTGCTGTGCCCCCTACCTTCTAATGGCTCCTCTCTGAGGAGTGAAA
GGGATTTGTTTGAACGTGCTTTGAAGGCCACATAAAAAGCCCTAAAAATGAGTATTTCTTTACATGAC
CCAGTCCATTTCTCCCCCTTGAAAAACGTTTGGACGTTGGGAAGAATGATGCCACAGGGCTGGTGTGT
GGGGAAGCTAGAACTCTGGCCCCGCTCTGCCAGCCCTGCACCATAGGCAGGTGTGCCATCTCAGCGGG
AAGGGGAGGACTGGCTGTGCGAGCTGTCTGTGTGAGTGCTGAGAACATGTGGTGTGGCCTCAA
TTTCAGCCAGTGCCAGGGGAGCCCTCCACCACCCCGAGCTGCCCCCAGGGCTCCTTTGTCACAAAT
CTGAAAGGTTTTAGAACCCAGTTGGCCTTGGCAGTTTTGTTACCTCCTCACTTGACAGCTGGGAGACA
GAGGCCACATTTATGGACATACCAAGAGATATGTATTGCCTGCTGTGTGCTAGAGAGTGAGTGCCT
CTGTTCTGGTAGAAAGGTCCTTGAGTGAGGTGCGGGGTGTGGGAGTGCCAGGTAGGGAGGGCGACTGA
GGCCCTGGTCTAGGGGTGGAACCATGGAGGAACCCCTGGTCACTGCTGGGACTGCGGGTCTGCGGG
GCGCCAGAGGGGACAGCACATACCTGCCTCGGAGCTGACCCCTGGCTCCATGCCCCGTCTCAGAGC
AGCTCCTGCGCCAATATTAAGTATGAGACATTCCAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCGCCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI


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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_173467.5</u>
Summary:	The protein encoded by this gene is found exclusively in the mitochondrion, where it catalyzes the transfer of a malonyl group from malonyl-CoA to the mitochondrial acyl carrier protein. The encoded protein may be part of a fatty acid synthase complex that is more like the type II prokaryotic and plastid complexes rather than the type I human cytosolic complex. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Mar 2012]
Locus ID:	27349
MW:	30.9