

Product datasheet for **SC215142**

ME1 (NM_002395) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ME1 (NM_002395) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ME1
Synonyms:	HUMNDME; MES
ACCN:	NM_002395
Insert Size:	1552 bp



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Insert Sequence: >SC215142 3'UTR clone of NM_002395
The sequence shown below is from the reference sequence of NM_002395. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
CAGAAAATACAGACCAAAGTTGACCAGTAGGATAATAGCAAACATTTCTAACTCTATTAATGAGGTCTT
TAAACCTTTCATAATTTTTAAAGTTGGAATCTTTTATAATGATTATAAGACACTTAGATTAAGATTT
TACTTTAACAGTCTAAAAATTGATAGAAGAATATCGATATAAATTGGGATAAACATCACATGAGACAAT
TTTGCTTCACTTTGCCTTCTGGTTATTTATGGTTTCTGTCTGAATTATTCTGCCTACGTTCTTTAAA
AGCTGTTGTACGTACTACGGAGAACTCATCTTTTTATACAGGACACTAATGGGAAGACCAAAATTAC
TAATAAATTGACATAACCAACATTAAACTCATAATTATTTGTTGACCATTTTGTAAAATCTACTTT
TCAAAAAAAAAAAGCTAGAAATGAATCTAGGCGTAGGTGAACCTTTGCTAAGCAGAAATAACACTACTT
TGTTGCCTAGAGAAAGATAACTTCTCAAGTATTTTATCCAGTCTAGATCATATATGTTCTTTTG TG
CAACGGAATTCTAACAGTTCTAAGAGAAAGATCACTGCTGTTTACAGCGCCTTGTGCAGCCTTAGATTT
TAATATCTTTTGTCAATTGTTACATCTCATAGAGTAAAGCTCTTATTACCTTGATCCTGAGTCAGAAAT
CCCACCTGAAATCACCTTTTTCCCTTGATCAAACATCCCATCCTTCAGCTACCATACTGTTGCTAC
AGGGATTTTGTGGACTGTGGCCCTGTCCCGAGGTTGGCACCTTCAGTTCAGCACAGCCTGAGCAGTGA
GAAGGTCTGAAAGGAGAGTATATAGTTAAGATCCTTGAGAAAGGGCTGCCTGAGGAACGACCTCTTAA
AGATCTCAGGATCTTTAAGACAACAAGTTAGGTTCTACTGGAGTTACCTGCCAGAATGGCCTCTTAAT
TAACTCAGGTAATGAAGAGCTAACTGTGTTATAATCATCTTGCTTTTGCCTGAATTTGGAGAAAGTATT
ATAATTAAGTTCCAGTATCAGAAATGCCTTACATAAGATTAATAATATCTTGATGACTAATACCATTTC
TATGAGAAAGAGTAGTTATATGCCAGACTGTATTAATTTACTTTAGAAACTAATGTTTGAAGTAATGG
AAAAAATTTTAAATTATAAAGCTAAGGTGCAATAACATTTGCTACTTATTATAGAATTATTTGAAGAA
TTTTGTTTTTGAAGTAATGCTTTAAGGAGTATAAGATATTCAAGATAAATTATACTATAAAATGATTTT
ATTGAAAGTTGAAGGTTACACAAATTGTTTTAGGTATGAGCAGAAGAGGTTAAGGTATTTCTAAAGGTA
ACATATAGTCAAGAGTTTCTCAAATAGTTATTTGGAGAAGAATCAGAATGTCTGTGATTTCTTGTC
TGTTTCTATGTTGCTTATAGCTCTGACTAAATGTGTTTACCTATGCAAAAGATTTATTAAGCATAGA
AAAGGTGAATGAATAAAATATAAAATAATTGTC
ACGCGTAAAGCGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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.

RefSeq: [NM_002395.6](#)

Summary: This gene encodes a cytosolic, NADP-dependent enzyme that generates NADPH for fatty acid biosynthesis. The activity of this enzyme, the reversible oxidative decarboxylation of malate, links the glycolytic and citric acid cycles. The regulation of expression for this gene is complex. Increased expression can result from elevated levels of thyroid hormones or by higher proportions of carbohydrates in the diet. [provided by RefSeq, Jul 2008]

Locus ID: 4199

MW: 60.9