

Product datasheet for **SC202548**

MDH2 (NM_005918) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: MDH2 (NM_005918) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: MDH2
Synonyms: DEE51; EIEE51; M-MDH; MDH; MGC:3559; MOR1
ACCN: NM_005918
Insert Size: 1128 bp
Insert Sequence: >SC202548 3'UTR clone of NM_005918
The sequence shown below is from the reference sequence of NM_005918. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GGGGAAGATTTTCGTGAAGACCCTGAAGTGAAGCGCGCTGTGACGGGTGGCCAGTTTCCTTAATTTATGAAG
GCATCATGTCACTGCAAAGCCGTTGCAGATAAACTTTGATTTTTAATTTGCTTTGGTGATGATTACTGT
ATTGACATCATCATGCCTTCCAAATTGTGGGTGGCTCTGTGGGCGCATCAATAAAAGCCGTCCTTGATT
TTATTTTTCAAGGTCCCTTCTGTAATGTGTGCTTTCTCCCTGTGAGAGCCAACCTTTAGAGTGTCTG
CTACCTCTTCAATACCAATCAGAATTAGATGATGTTAACTGTTAGACTGAAGCGTGACGCTTTCATCA
GTAGCTTCAAGAAAGTCTAAATTGTTAATTTATGGAATTGGACACAGTATTCAGTTTACCCGTACATGC
TCCTCCCGCCCTCCTGTTGGCACCCCTGCATCGCCAGGCTGATTCTCCTGGGGGTAGTTCACCCC
CACGGGTTTCATAGTTCAGCGGCGAATGCCAGGCAGCTGTTTTCTGGCTGAGCAAACAGCACCTTTCTCA
TTGAGCTTCTCTACTGACCTCTGTCCCTTGGGATTTTCATCTTCTGACCGAACCTGATGTTTCAGTG
GCAGAGACAGCCCATAGCCAGAAGTGTGGGTAGACCAGGTTGGGGTGTGCGGTTTGGGACAGCCAAA
CCCCAGCCGCTGTGTCAAGGCCTAGGACGCCATGCTGCCATCAAAGGGGTTCCAGTTTCCATCAGT
GGCCTAAAGAAGGGAATTCTTGTGTAAGTGTGAGGAGTGCAGAAATTAAGAGATTTGACTCCCTTTAGTAT
TGGGGGAGTCCGTTCCCGAGACTGTGGCCTCTGAAGTGGAACTGAAAGCTGCATACCTGGGAAAG
AACTTTCTAGGAATAGGCAATGGCCTTCAGTGGAAAGAGGGAGGGCTGGAGGTGTGCCAGTACTTGGAT
GTTTCATCTGTCCACAACAGCTTTTTGTTTTTAAAAAGCTAAAATGGAATGGATTTTATCATAAAG
GATGACATCGTTTTCTTACAATTAATACATGTTTCATTGTATAAAACCCAAAAAGCAGCTAAAAATA
AAGCGGAAAGGAAGTACTGGTAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
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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:	NM_005918.4
Summary:	Malate dehydrogenase catalyzes the reversible oxidation of malate to oxaloacetate, utilizing the NAD/NADH cofactor system in the citric acid cycle. The protein encoded by this gene is localized to the mitochondria and may play pivotal roles in the malate-aspartate shuttle that operates in the metabolic coordination between cytosol and mitochondria. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2013]
Locus ID:	4191
MW:	42.2