

Product datasheet for **SC336578**

MDH1B (NM_001282940) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MDH1B (NM_001282940) Human Untagged Clone
Tag:	Tag Free
Symbol:	MDH1B
Synonyms:	RP11-95H11
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC336578 representing NM_001282940.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCACTG
GATCCGGTACCGAGGAGATCTGCCGCCACGATCGCC
ATGGCCAAATTCGTCATCGCGGGTAGAGCAGATTGTCCATATTATGCTAAACAGAACTTGTGGCAGAC
TATTTACAAAAGAATCTTCTGATTTTCGGATACATAAAATCACACAACGTCCTGAGGTTTGGGAGGAT
TGGCTAAAAGATGTGTGTGAAAAGAATAAGTGGAGTCACAAGAATTCCCTATCATCTGGAGAGAGCTG
TTGGATCGTGGAGGAAAGGGTTTGCTTTTGGGAGGATATAATGAGTTCCTGGAGCATGCTCAGCTTTAC
TATGATGTCACTCTAGCATGACGACTGAAGTATGATGGTAATTGCTCAAGAGAACCTGGGGGCACAT
ATAGAAAAGAGCAGGAGGAAGAAGCCCTGAAACTTGCATCAACCCCTTGCAGGTCTGGATCACCAGT
GCCTCTGCTCCTGCTGCTACAACCTAATCCCATATTGACGAGTGGCGAAGTGTGGGATGCATACA
GAAATTAGCATACTCTATTTGACAACAAGCAGGCGGAAGAATCTCAAAGCCTTGTGGTGGAGACC
CAAGACCTGGCATCTCCGTCCTGCGCAGTGTCTCCATCTGCACGAAGGTGGAGGAGGCTTCCGCCAG
GCCACGTCATTGTGGTCTGGATGACAGCACCAACAAGGAGGTGTTCACTCTGGAGGACTGCCTCCGA
AGCAGGGTGCCTCTCTGAGGCTCTATGGGTACCTGATAGAGAAAAATGCTCATGAGTCTGTGAGAGTC
ATCGTGGGAGGGAGAACCTTTGTAACCTGAAGACAGTTTACTCATGAGATATGCCCCACGCATTGCA
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CTAAATGAATTTGAAGGCAAAACCGTGAATCCTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI

ACCN: NM_001282940

Insert Size: 1554 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq:	<u>NM_001282940.1</u>
RefSeq Size:	2561 bp
RefSeq ORF:	1554 bp
Locus ID:	130752
UniProt ID:	<u>Q5I0G3</u>
Cytogenetics:	2q33.3
MW:	58.6 kDa