

Product datasheet for **SC206991**

HADHB (NM_000183) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: HADHB (NM_000183) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: HADHB
Synonyms: ECHB; MSTP029; MTPB; TP-BETA
ACCN: NM_000183
Insert Size: 542 bp
Insert Sequence: >SC206991 3'UTR clone of NM_000183
The sequence shown below is from the reference sequence of NM_000183. 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
GCTATGATAGTGGAAAGCTTATCCAAAAATAGATCCAGAAGAAGTGACCTGAAGTTTCTGTGCAACAC
TCACACTAGGCAATGCCATTTCAATGCATTACTAAATGACATTTGTAGTTCCTAGCTCCTCTTAGGAAA
ACAGTTCTTGTGGCCTTCTATTAATAGTTTGCACCTTAAGCCTTGCCAGTGTTCTGAGCTTTTCAATAA
TCAGTTTACTGCTCTTTCAAGGATTTCTAAGCCACCAGAATCTCACATGAGATGTGTGGTGGTTGTTT
TTGGTCTCTGTTGCTAAAGACTAAATGAGGGTTTGCAGTTGGGAAAGAGGTCAACTGAGATTTGGA
AATCATCTTTGTAATATTGCAAATTATACTTGTCTTATCTGTGTCCTAAAGATGTGTTCTCTATAAA
ATACAAACCAACGTGCCTAATTAATTATGGAAAAATAATTCAGAATCTAAACACCACTGAAAACCTATA
AAAAATGTTTAGATACATAAATATGGTGGTCAGCGTTAATAAAGTGGAGAAATATTGGA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

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_000183.3](#)



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Summary: This gene encodes the beta subunit of the mitochondrial trifunctional protein, which catalyzes the last three steps of mitochondrial beta-oxidation of long chain fatty acids. The mitochondrial membrane-bound heterocomplex is composed of four alpha and four beta subunits, with the beta subunit catalyzing the 3-ketoacyl-CoA thiolase activity. The encoded protein can also bind RNA and decreases the stability of some mRNAs. The genes of the alpha and beta subunits of the mitochondrial trifunctional protein are located adjacent to each other in the human genome in a head-to-head orientation. Mutations in this gene result in trifunctional protein deficiency. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2013]

Locus ID: 3032

MW: 20.9