

## Product datasheet for **SC208256**

### HADHA (NM\_000182) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** HADHA (NM\_000182) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** HADHA  
**Synonyms:** ECHA; GBP; HADH; LCEH; LCHAD; MTPA; TP-ALPHA  
**ACCN:** NM\_000182  
**Insert Size:** 645 bp  
**Insert Sequence:** >SC208256 3'UTR clone of NM\_000182  
The sequence shown below is from the reference sequence of NM\_000182. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AACAGCCCTAACAAAGAAGTTCTACCAGTGAAGCAGGCTCATGCCTCGCTCAGTCAGTGCCTAAACCCCA
GCTGCCGCGCAGTGTGGTTCTCCAACAGAGTGGTGTCTAGATTTATCAGAGTAACGAGAAGACAAACTC
CGGCACTGGGTTTGTCTCCCTGATTAAAGTGCCTCAGCCAAGACCATCTCTCCCTCTGGTGAAGTGTG
ACTTCGAATTAGTTGCACTTCTGTTGGAAGGTAGAGCCCACTGCTCATTGTATAAGCCCCGAGGCCT
AGAGTGGCAGCCAAGAGCCATCTGAAGCCACCTCTCTGCCTGTTCTCCCAAGAGGCCAGGGTGGCCAG
GGGTGGTGAAGGAGTCTGCACCCAGCCAAACACATAACAATAAAAAACCAAACTCTGTGCAGCATCT
TTGCCCTTCTGGTTAAACGCCTCCTTCAAAAAGCAATCTGGAAGAAAGCCCTGTGCTTTGGGGAGTA
AGAATGTGTGTGCAGAATTCTAGGCAGCACCTTAGGGAGGACTGGGATGAGAGAAAGTGGGACCTGGT
GGGCTCAACCACACACCTGTCTGTGCAGATGCTTTGCCAGGCTTCTCACCACGGTGTACCGGGATA
TTAAACCTCTTTCCCGCCTGGA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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.



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RefSeq: [NM\\_000182.5](#)

**Summary:** This gene encodes the alpha 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 alpha subunit catalyzing the 3-hydroxyacyl-CoA dehydrogenase and enoyl-CoA hydratase activities. Mutations in this gene result in trifunctional protein deficiency or LCHAD deficiency. 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. [provided by RefSeq, Jul 2008]

**Locus ID:** 3030

**MW:** 23.5