

## Product datasheet for **SC210304**

### **HADHSC (HADH) (NM\_005327) Human 3' UTR Clone**

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** HADHSC (HADH) (NM\_005327) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** HADH  
**Synonyms:** HAD; HADH1; HADHSC; HCDH; HHF4; MSCHAD; SCHAD  
**ACCN:** NM\_005327  
**Insert Size:** 860 bp  
**Insert Sequence:** >SC210304 3' UTR clone of NM\_005327  
The sequence shown below is from the reference sequence of NM\_005327. The complete sequence of this clone may contain minor differences, such as SNPs. **Red**=Cloning site  
**Blue**=Stop Codon

CAATTGGCAGAGCTCAGAATTCAAGCGATCGC

AGTTCGGCAAGAAGACTGGAGAAGGATTTTACAATACAAGTGTGTCAGCTTCTCCGGCTCTGAGAAG  
AACACCTGAGAGCGCTTTCCAGCCAGTGCCCGAGTGCCTGTGGGAATGCTCTTTGGTCAGACATTCCCT  
CACACAGTACAGTTTAATAAATGTGCATTTTGATTGTAATCTATCGAAGTGATTATTACACCAGTTACAG  
CAGTAATAGATTCTCCATTAAGAAATAATCCCTTTTTAGTCTGTTTCTGTGATTTTCTAAACA  
GCTTTACACCCTTGGTGCCTTGGAGCAAACATGTTTTTGAACCTTGTCAATTTTGTGAAGAATTGCCTA  
GATTCCTTCTCTCATCAACGGGAAAGTACTTCTCTGAGAGTGCAGTGCACCATGCTCACTGTTGCTGC  
GTGGGAGAGTCACAAGCCACTGGCAAGCAAGTGGTATAGTCTGTGAAGCACTGCAGCGAGCACCTGG  
ATCTTGCCTTTATAAGAACATTTTACTACCTGCAGCTTTGAGTCTTGCCTACATTTTGGGCATGACATA  
AGATGTGTCTTTATTCAGCTCGTCGTGAAGATGCTGCTGCTGAATGGGTCAGCATATCTCTGTTTGCATG  
GTTTGCAGGAGGTCGGTTTTTCATGGTCAATTCAGTCCACAGATCTGAATGATTACTGTCTGTCTGTCT  
TTTTTCCATGAGAAATCACTGTTGCAAATTCCTATAAAATGACTCTACTAAAATAACAATGTTTCAAGTC  
TGAAAATTTGAATTGAAAAAATGTATAATATAAAATGTAATACACTCAAATGATTATAAAAGTAAAAG  
TTGGTAATTTAGGCAGAAGC

ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCG

**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).



<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_005327.2</a>
<b>Summary:</b>	This gene is a member of the 3-hydroxyacyl-CoA dehydrogenase gene family. The encoded protein functions in the mitochondrial matrix to catalyze the oxidation of straight-chain 3-hydroxyacyl-CoAs as part of the beta-oxidation pathway. Its enzymatic activity is highest with medium-chain-length fatty acids. Mutations in this gene cause one form of familial hyperinsulinemic hypoglycemia. The human genome contains a related pseudogene of this gene on chromosome 15. [provided by RefSeq, May 2010]
<b>Locus ID:</b>	3033