

## Product datasheet for SC201625

### ETFDH (NM\_004453) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** ETFDH (NM\_004453) Human 3' UTR Clone  
**Symbol:** ETFDH  
**Synonyms:** ETFQO; MADD  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pMirTarget (PS100062)  
**ACCN:** NM\_004453  
**Insert Size:** 1126 bp

**Insert Sequence:** >SC201625 3'UTR clone of NM\_004453  
 The sequence shown below is from the reference sequence of NM\_004453. 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
GGAGGAGGACCTGCTTACAATGGAATGTAAACTGCAGCTAGCCAGTTTCTTTCAAGTATGGCAAGCTAA
CGTTAAAATGTTTAGAGATTAACAGATTTCAGAATGTCTTTCTGCATATTACTGAACAGAATAGTCACA
AAATGATTATCAAATAAAAAATTTATACTATATGTAAGATTGTCCATAAAGAAATTACGGGTATTGCT
TTTAAATAACCTTTATAAGAATGCAGCATCTTCTACCTCTTCAGTTCTTCAGAGATTCAGTACCAAGA
GCAAAATCACTACTGGACTTTACATTTGACTTGCCAAAGTTAAGTAATCAAATATAAAAAATGAATATA
TATTCTAGACTAAAGTTTTATTGAAACACAGCCATACCCATTGGTTACACATTGTCTATGGCTAATTTT
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GGCCCTTGCAAGAAGTATGCCCATCCCTGAACAAGTTTGTGTGTGTGTGTGTGTGTGTGTGTGTGTG
TGTGTGTGATTATCTATAAGTATGAAACCTAGCATCATCCACCATGGATACATCAAAGAATCGAAGG
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TGGACACCATTATTTTTATGAATAATGCACATAACCATTTTAAAAAACATTTTACTTGGCCGGGCACG
GTGGCTCACACCTGTAATCCCAGCACTTTGGGAGGCCAAGGCGGGGTGGATCACAAGGTCAGGAGTTCA
AGACCAACGTGACGTGACCAATATGGTGAAACCCATCTCTACTAAAAATACAAAAATTAGCTGGGCGT
GGTGGCACGTGCCTGTAATCCCAGCTACTTGGGAAGCTGAGGCAGGAGAATTGCTTGAACCCGGGAGGC
AGAGGATGCAGTGAGCCGAGATTGCGCCACCGCACTCCAGCCTGGGTGACAGAGCAAGACTCCATCTCA
AAGAAACAAACAAAACCACTTTACTTACTGTATTGTGACATGTTTATTAAGCATGAACCCCTATCAGTA
CTCCTAAACTGTAACAGTAAG
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>OTI Disclaimer:</b>	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>	<u><a href="#">NM_004453.4</a></u>
<b>Summary:</b>	This gene encodes a component of the electron-transfer system in mitochondria and is essential for electron transfer from a number of mitochondrial flavin-containing dehydrogenases to the main respiratory chain. Mutations in this gene are associated with glutaric acidemia. Alternatively spliced transcript variants that encode distinct isoforms have been observed. [provided by RefSeq, Aug 2013]
<b>Locus ID:</b>	2110
<b>MW:</b>	42.3