

Product datasheet for **SC215685**

EHHADH (NM_001966) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	EHHADH (NM_001966) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	EHHADH
Synonyms:	ECHD; FRTS3; L-PBE; LBFP; LBP; MFE1; PBFE
ACCN:	NM_001966
Insert Size:	1632 bp



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Insert Sequence: >SC215685 3'UTR clone of NM_001966
The sequence shown below is from the reference sequence of NM_001966. 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
TTGGCAGGCTCCCTAGCAGTAAATTGTGATTCAGTCTTCCAGATTATGCCTCACATGCTAGCATCAGG
TAATGCTGACTGAATTTCAAGTAAATTAATCAAAAATCCAAAGTAAGATTGTTCTGAAATACAAAGCA
AAATAAATAATCATTAGAATCTTCTGTGTAACGACTCTAATGGTCAAATCTTTAGGAATGTGCTTCTTA
TGCCTCTGAATCTGCTTATCAGATAAATCAATGCATGAACTGTGTGAATATAATACCATAATAGC
TAATGAAAGAGGCTCAGGCATAAGTTGAGATTCTCAAATGCTTTTATCATTGGATAAATGTGTCATCAA
TTAATAAATGATAAATGCAGCTAAGTCATACATTCATTTTGACTCCTTTCAATGCACACACATAGTAT
TGATCAGAAATCTTATGAATCATACATACTCAACAAACATTAAGTTGTAGGAAAAAGACAGTTGGA
AATTGGTAAGGGAAGTACTTCAAACAGCACAGGGAAGTGTAGTTAGTGTGGCAAGCCTTTCTCTC
TTCTGGTCTTTCTCTTCTGTTTATGGAGAAATATAGAAAGTAGTAAGTCGTTAACTTAGTGAAGAA
GGGCTTAGAGAACATCTAACCTTCTAGGATTTCCCAATTCTGTGATAGAGTAATGACACCAGTTTTCC
TGTGATGACAAGCCTCTGTGATTTACATATGAAATGGTTGAATCTTGA AAAATCTAAAATTTGTTGCA
AAACATATTTTGTATGATTTTGTGTAAGAGTTCTTCTCTTTTACTTTTTGCCTTGTGTAGTAAAAA
TTAAGGGGCTGGTCAATACAAAACCTTGTACACAAATATTTATAGCAGAATTATTCATAATGGCCAAAA
GCTGAATACAACCCAAATGTCTATGAACTAATGAATAGATAAACCAAACTCGGTATATCCATACAATGG
ACTATATTATTCAGCCATAAAAAAGAAATAAAGGGCCAGGCACAGTGGCTCACACCTGTAATCCCAGCAC
TTTGGGAGGCTGAGGCAGGAGGATTGTTTGAGGCCAGAAATTTGAGACCAGCCTGGGCAACATAGCAA
ACCTGTCTCTACAAAAATACTTTCCGTACATTAGTGGTTGCCTAAGGCTAGAATTGGGGGTGATGAA
TGGGGAGTACAGGATTCATCTAATGGGTACAGGATTTCTTTATGGTTCATGAAAATGGTCTAAACTTAT
TGTGGTAAATGGTACATAACAATATATTA AAAACCATTGAGTTGTATATTTAAGTGGGTGAATTATAT
GGTATGTGAATTATCTCAATAAAGTTGTAGTAAATAAATGGGGCTGAAGATGTTATCCTTCATTGT
GGTGTAAATGAACTTTCACAATATTTTACCTGTGAACCCAAATAAAATGATTAAAGTTCTGATGGAAA
AATCTTGAATGGAGTATAAGTTTTCCGTTGTTAAAAAGCAAACAAAAACCAACAAAAATCCAAGTGT
GCCTTGAATTGTACAGAGCACAAATATTATGTTTGAATGTGTACTACTAATTTTATATAATTTGGTT
TGTGAAATTAAGACATCAATAAAAATGATTCCTGAAAGTAGTAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
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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_001966.4](#)

Summary:	The protein encoded by this gene is a bifunctional enzyme and is one of the four enzymes of the peroxisomal beta-oxidation pathway. The N-terminal region of the encoded protein contains enoyl-CoA hydratase activity while the C-terminal region contains 3-hydroxyacyl-CoA dehydrogenase activity. Defects in this gene are a cause of peroxisomal disorders such as Zellweger syndrome. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2009]
Locus ID:	1962
MW:	63.1