

Product datasheet for **SC205458**

ECHS1 (NM_004092) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ECHS1 (NM_004092) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ECHS1
Synonyms:	ECHS1D; SCEH
ACCN:	NM_004092
Insert Size:	413 bp
Insert Sequence:	>SC205458 3'UTR clone of NM_004092 The sequence shown below is from the reference sequence of NM_004092. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA GCGATCGCC AAGAGAAAGGCCAACTTCAAAGACCAG TGA GAACCAGTGCCCTGCTTCACACCTCTGCTTGGAGAGG ACAAGTGCAGCCTGTAGTTTTAGAAGCAAGTAAATCATCTCTTTTCAAGAGCAGTGCCGTGGTGTG CAGTTCTCTCCAATTGCTGCGTGGTCGTGGCCGACCTCTCACGCATGACAGCCTTCGTACCCAGC CTGTGAGGGTCTGACTGGAGCACCTTCTAAATCTAAGATTCTGCTGAGGAGCCCGCTGGTCCCTCT GGGCATGCTGTGCTCGGACGAAAGCGGGCCTGCGGGTCTTGTGTCCCTGCCGCTGAAGAATGGGGC TGCTCTGAGGGAAACGCTGTCTGCTGCCTTACATACAGATGCTGATTAAAGTGATAGCGATTAGATTA ACGCGT AAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
Restriction Sites:	Sgfl-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:	<u>NM_004092.4</u>



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Summary: The protein encoded by this gene functions in the second step of the mitochondrial fatty acid beta-oxidation pathway. It catalyzes the hydration of 2-trans-enoyl-coenzyme A (CoA) intermediates to L-3-hydroxyacyl-CoAs. The gene product is a member of the hydratase/isomerase superfamily. It localizes to the mitochondrial matrix. Transcript variants utilizing alternative transcription initiation sites have been described in the literature. [provided by RefSeq, Jul 2008]

Locus ID: 1892

MW: 14.4