

Product datasheet for **SC112073**

ECHDC3 (NM_024693) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ECHDC3 (NM_024693) Human Untagged Clone
Tag:	Tag Free
Symbol:	ECHDC3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_024693, the custom clone sequence may differ by one or more nucleotides

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ATGGCCGCGTCGCCGTCTTGC GGCCCTTCGGGGCAAGTGGGCCATGTGTCTCCGGCGCGGCCCTGGG
CCCAGTCCCCGCGCCGCTTCTGCAGCCGGGACCCGGCCGGGGCGGGCGGGAGTCGGAGCCGCGGCC
CACCAGCGCGCGGAGCTGGACGGCATAAGGAACATCGTCTTGAGCAATCCCAAGAAGAGGAACACGTTG
TCACTTGCAATGCTGAAATCTCTCAAAGTGACATTCTTCATGACGCTGACAGCAACGATCTGAAAGTCA
TTATCATCTCGGCTGAGGGGCCGTGTTTTCTTCTGGGCATGACTTAAAGGAGCTGACAGAGGAGCAAGG
CCGTGATTACCATGCCGAAGTATTTAGACCTGTTCCAAGGTATGATGCACATCCGGAACCACCCCGTC
CCCGTCATTGCCATGGTCAATGGCCTGGCCACGGCTGCCGGCTGTCAACTGGTTGCCAGCTGCGACATTG
CGGTGGCGAGCGACAAGTCCTCTTTTGCCACTCCTGGGGTGAACGTCGGGCTCTTCTGTTCTACCCCTGG
GGTTGCCTTGGCAAGAGCAGTGCCTAGAAAGGTGGCCTTGGAGATGCTCTTTACTGGTGAGCCATTCT
GCCAGGAGGCCCTGCTCCACGGCTGCTTAGCAAGGTGGTCCAGAGCGGAGCTGCAGGAGGAGACCA
TGCGGATCGCTAGGAAGATCGCATCGTGAGCCGTCGGTGGTGTCCCTGGCAAAGCCACCTTCTACAA
GCAGCTGCCCCAGGACCTGGGGACGGCTTACTACCTCACCTCCAGGCCATGGTGGACAACCTGGCCCTG
CGGGACGGCAGGAGGCATCACGGCTTCTCCAGAAGAAAACTGTCTGGTCACACGAGCCAGTGT
GA
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_024693 unedited
 TTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGTGGGCCTGTCAGGC
 GGTTCCGTCCGGGTCTCGGCCACCGTCGAGTTCGGTCGAGTTCTGTCCCGGCCCTGCTCA
 CAGCAGCGCCCTCGGAGCGCCAGCACCTGCGGCCGGCCAGGCAGCGCGATCCTGCGGGC
 TCTGGCCATCCCGAATGCTATGGCCCGCGTCGCGTCTTGGGGCCTTCGGGGCAAGTGG
 GCCCATGTGTCTCCGGCGCGCCCTGGGCCAGCTCCCCGCCGCTTCTGCAGCCGGGA
 CCCGGCCGGGGCGGGCGGGAGTCCGAGCCCGGCCACCAGCGCGCGGCAGCTGGA
 CGGCATAAGGAACATCGTCTTGAGCAATCCCAAGAAGAGGAACAGTTGTCACTTGCAAT
 GCTGAAATCTCTCAAAGTGACATTCTTCATGACGCTGACAGCAACGATCTGAAAGTCAT
 TATCATCTCGGCTGAGGGCCTGTGTTTTCTTCTGGGCATGACTTAAAGGAGCTGACAGA
 GGAGCAAGGCCGTGATTACCATGCCAAGTATTCAGACCTGTTCCAAGGTCATGATGCA
 CATCCGGAACACCCCGTCCCCGTATTGCCATGGTCAAATGGCCTGGCCACGGTGCCG
 GCTGTCAACTGGTTGCCAGCTGCGACATTGCCGTGGCAGCGANCAAGTTCTTTTTGCCA
 CTCCTGGGGTGAACGTGGGCTCTTCTGTCTACCCCTGGGGNTGCCTTGCCAGAACAGT
 GCTANAAAGGTGGCCTTGAGAGCTCTTACTGGGAGCCATTTCTGCCAGGAGCCCTG
 CTCGCCGGCTGCTTANCAAGGTGGGCCAAAGCCGAACCTGCAGAGG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_024693 unedited
 CGCGGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTATAAAGATTTAATTTAT
 TTAATACATAAAGATTATCAAGCCATAGGCATGATTAAGTCTCTATAGAATCAAGAA
 GATTTTCTGTGTGGAGAATATCTCGTGGAGATTTGAAATGTGTGCCTCTCCTGAGCAGC
 CAGGATTAACTCTGCTTAGGACGTTTCAGATAAGGGTCAGGCTGGCGTCTTCTTTCTGC
 CTCCATGGGTGCCACCTTTTGTATGTGAGGGGGTTCGTTGCTTAAGACGTTGCAAGG
 AGCACCCAAATGCCAGGCTTCCACCATAGCTGGCCCGCTGCAGGTTTACCAGCCTTG
 CACTGAGTTCAGCACCTCAGTCACTCTCCATTTTGTCTTTCCCATGAAATTGTGGCTT
 TTAATGTAGGCCAAATGCTATGACACCAATATCAAGTACGAAAGCAGCCTGTCACTGT
 TGAAGCTGAGAGGCAGTGGTGGCTGGGCCAGAGGGGAAGGTGGGCTCCTGGGCGCTGCC
 GTGGGCCCTCACTCTCTGCTCCACTCACACTGGCTCGTGTGACCAGACAGGTTTTCTCT
 TCTGGAGGAAGCCGTGATGCCCTCCTGCCCGTCCCGCAGGGCCAGGTTGTCCACCATGG
 CCTGGNGAGTGAGGTATTAAGCCCGTCCCAGTCTGGGGCAGCTGCTTGTANAAGTGGC
 TTTGCCAGGGACCCCCCGACCGCTTAGTGCCCGCATTTCTACCATCGCATGGTCTC
 TCCTGCAGCTCCGCTCTGGACCACTTGCTAACAACCCCGGAACCGGCCTCCTGGGCA
 AAAAGGCTCACCAGTAAGACCTTCCAAGCCACCTTCTAGGCTGCTTTGCCAGGCACCC
 AGGGGAGACAAAAACCCCTCCCCCAGAGTGCAAAGAGACTGGCCC

Restriction Sites:

NotI-NotI

ACCN:

NM_024693

Insert Size:

1700 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components:

The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_024693.2](#), [NP_078969.2](#)

RefSeq Size: 1648 bp

RefSeq ORF: 912 bp

Locus ID: 79746

UniProt ID: [Q96DC8](#)

Cytogenetics: 10p14

Domains: ECH

Gene Summary: May play a role in fatty acid biosynthesis and insulin sensitivity.[UniProtKB/Swiss-Prot Function]