

Product datasheet for **SC335997**

FDFT1 (NM_001287742) Human Untagged Clone

Product data:

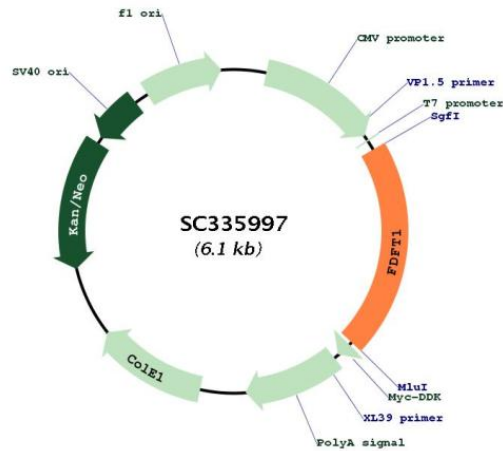
Product Type: Expression Plasmids
Product Name: FDFT1 (NM_001287742) Human Untagged Clone
Tag: Tag Free
Symbol: FDFT1
Synonyms: DGPT; ERG9; SQS; SQSD; SS
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC335997 representing NM_001287742.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGAGTTCGTGAAATGCCTTGGCCACCCGAAGAGTTCTACAACCTGGTGCCTCCGGATCGGGGGC
AAGCGAAGGTGATGCCAAGATGGACCAGGACTCGCTCAGCAGCAGCCTGAAAACCTGTACAAGTAT
CTCAATCAGACCAGTCGCAGTTTCGCAGCTGTTATCCAGGCGCTGGATGGGGAAATGCGCAACGCAGTG
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TACCAAACAGTGATTGCCGACATTTGCCGAGAATGGGCATTGGGATGGCAGAGTTTTGGATAAGCAT
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CGTCTTTTCTCAGCCTCAGAGTTTGAAGACCCCTTAGTTGGTGAAGATACAGAACGTGCCAACTCTATG
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CTTTCGAGACTCAGAAACCAGAGTGTGTTAACTTCTGTGCTATCCACAGGTGATGGCCATTGCCACT
TTGGCTGCCTGTTATAATAACCAGCAGGTGTTCAAAGGGCAGTGAAGATTCGAAAGGGCAAGCAGTG
ACCCTGATGATGGATGCCACCAATATGCCAGCTGTCAAAGCCATCATATATCAGTATATGGAAGAGATT
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CAGAATCTTCCAACTGTCAGCTGATTTCCCGAAGCCACTACTCCCCATCTACCTGTGCTTTGTGTCATG
CTTTTGGCTGCCCTGAGCTGGCAGTACCTGACCACTCTCTCCAGGTAACAGAAGACTATGTTTCAGACT
GGAGAACACTGA
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Restriction Sites: SgfI-MluI



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Plasmid Map:


ACCN: NM_001287742

Insert Size: 1254 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_001287742.1](#)

RefSeq Size: 2681 bp

RefSeq ORF: 1254 bp

Locus ID: 2222

UniProt ID:	P37268
Cytogenetics:	8p23.1
Protein Families:	Druggable Genome
Protein Pathways:	Metabolic pathways, Steroid biosynthesis
MW:	48.1 kDa
Gene Summary:	<p>This gene encodes a membrane-associated enzyme located at a branch point in the mevalonate pathway. The encoded protein is the first specific enzyme in cholesterol biosynthesis, catalyzing the dimerization of two molecules of farnesyl diphosphate in a two-step reaction to form squalene. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (1) represents the longest transcript (1) and encodes the longest isoform (1). Variants 1-3 encode the same isoform.</p>