

Product datasheet for **SC336341**

FDFT1 (NM_001287750) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FDFT1 (NM_001287750) Human Untagged Clone
Tag:	Tag Free
Symbol:	FDFT1
Synonyms:	DGPT; ERG9; SQS; SQSD; SS
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC336341 representing NM_001287750.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

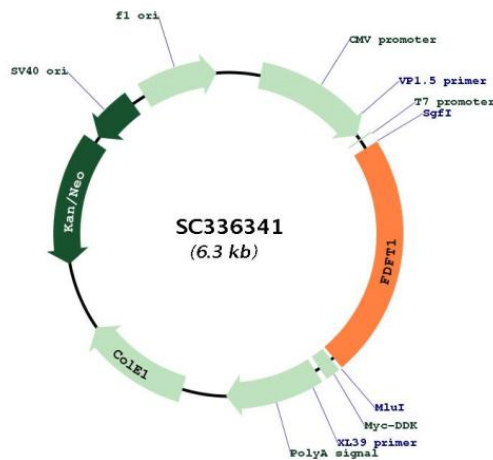
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GCGGCGCCAGGGGCCGGGGCGCAGGCACCGCCCGGGGCTGTGCTTGCCTCTGCCGCTGGCCC
TGC AAGGACTGGCTCGGGGAGAGGGCGCAGGCTGTGGAGCCGCTGCCCAAGTCCC ACTCCC ACTTCC
CACTCCC ACTCCC ACTCCTGCTCCTCGACGTCTCCACCGCCGTGTGTGTTGTCTGCCCGCAG
GACTCGCTCAGCAGCAGCCTGAAA AACTGCTACAAGTATCTCAATCAGACCAGTCGCAGTTCGCAGCT
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TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites:

SgfI-MluI

Plasmid Map:



ACCN: NM_001287750

Insert Size: 1431 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:	<ol style="list-style-type: none">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_001287750.1
RefSeq Size:	2248 bp
RefSeq ORF:	1431 bp
Locus ID:	2222
UniProt ID:	P37268
Cytogenetics:	8p23.1
Protein Families:	Druggable Genome
Protein Pathways:	Metabolic pathways, Steroid biosynthesis
MW:	53.6 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 (9) lacks several exons from the 5' end, contains an alternate 5' terminal exon, and initiates translation from an alternate in-frame start codon compared to variant 1. The resulting longer isoform (3) has a distinct N-terminus compared to isoform 1.</p>