

Product datasheet for **MC208475**

Fdft1 (NM_010191) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fdft1 (NM_010191) Mouse Untagged Clone
Tag: Tag Free
Symbol: Fdft1
Synonyms: SQS; SS
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC208475 representing NM_010191
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAGTTCGTCAGTGTCTAGGCCACCCGGAGGATTCTATAACCTGCTGCGATTCCGCATGGGAGGCC
GGCGGAATTTTATACCCAAGATGGACCAGGACTCACTCAGCAGCAGCTTGAAGACCTGCTACAAGTATCT
CAATCAGACCAGTCGCAGCTTTGCCGCGTTATCCAGGCGCTGGATGGGGACATACGGCAGCCATATGT
GTGTTCTACCTGGTTCTCCGAGCCCTGGATACAGTGGAGGATGACATGAGCATCAGTGTGGAGAAGAAGA
TCCCACTGCTGTGTAACCTCCACACTTTCTCTATGACCCAGAGTGGCGTTCACTGAGAGCAAGGAGAA
GGACCGACAAGTCTGGAGGACTTCCCCACGATCTCCCTGGAGTTTAGAAATTTGGCTGAGAAATATCAA
ACAGTGATCGATGACATCTGCCACCGGATGGGGTGTGGGATGGCAGAATTTGTAGACAAGGATGTGACCT
CCAAACAGGACTGGGACAAGTACTGCCACTACGTTGCTGGGCTGGTGGGAATTTGGCCTTTCTCGTCTATT
CTCTGCCTCAGAGTTTGAAGACCCCATAGTTGGTGAAGACATAGAGTGTGCCAACTCAATGGGTCTGTTCT
CTGCAGAAAACAAATATCATTTCGTGATTATCTGGAAGACCAACAGGAAGGAAGGAAGTTTGGCCTCAGG
AGGTGTGGGGCAGATACATTAAGAAGTTGGAAGACTTTGCTAAGCCAGAGAACGTAGATGTGGCCGTGCA
GTGCTTGAATGAACTCATAACCAACACCCCTACAGCACATCCCTGACGTCCTCACCTACCTGTCAAGGCTC
CGGAACCAGAGTGTGTTAACTTCTGTGCTATTCCACAGGTAATGGCCATTGCCCACTGGCTGCCTGTT
ACAATAACCAGCAGGTATTCAAAGGAGTAGTGAAGATTCGGAAGGGGCAAGCAGTCACCCTCATGATGGA
TGCCACCAACATGCCTGCCGTCAAAGCTATCATATACCAGTACATAGAAGAGATTTATCACCGGATCCCC
AACTCAGACCCATCATCAAGCAAACCAAGCAGGTCTCAAGATCAGGACACAGAACCTTCCCAACT
GCCAGCTCATCTCCGAAGCCACTACTCCCCATTTACCTGTCAATTTATCATGCTCTTGGCTGCCCTGAG
CTGGCAGTACCTGAGCACCTGTCCAGGTCACAGAAGACTATGTCCAGAGAGAACA**CTGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_010191
Insert Size:	1251 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_010191.3 , NP_034321.2
RefSeq Size:	3717 bp
RefSeq ORF:	1251 bp
Locus ID:	14137
UniProt ID:	P53798
Cytogenetics:	14 33.24 cM
Gene Summary:	<p>Critical branch point enzyme of isoprenoid biosynthesis that is thought to regulate the flux of isoprene intermediates through the sterol pathway.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 encode the same protein.</p>