

Product datasheet for **RN206059**

Fdft1 (NM_019238) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fdft1 (NM_019238) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fdft1
Synonyms:	MGC93486
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN206059 representing NM_019238 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGTTCGTGAAGTGTCTAGGCCACCCGGAGGATTCTACAACCTGCTGCGATTCCGCATGGGAGGCC
GGCGGAATTTTCATACCCAAGATGGACCGGAACCTCGCTCAGCAACAGCTTGAAGACTTGCTATAAGTATCT
TGATCAGACCAGTCGCAGCTTCGCCGCGGTTATCCAGGCGCTGGATGGGGACATACGTCATCGCGGTGTGT
GTGTTTTACCTGATCCTCCGAGCCATGGACACAGTGGAGGATGACATGGCCATCAGTGTGGAGAAGAAGA
TCCCACTGCTGCCAACTTTACACTTTCTCTATGAGCCGGAGTGGCGGTTACCGAGAGCAAGGAGAA
GCACCGAGTAGTCTGGAGGACTTCCCCACGATCTCCCTGGAGTTTAGAAATTTGGCTGAGAAATATCAA
ACAGTGATCGCTGACATCTGTCACAGGATGGGATGTGGGATGGCAGAATTTCTAAACAAGGATGTAACCT
CCAAACAGGACTGGGACAAGTACTGTCACTATGTTGCTGGACTGGTGGGAATCGGCCTTTCTCGCCTATT
CTCTGCCTCAGAGTTTGAAGATCCCATAGTTGGTGAAGACACAGAGTGTGCCAATTCATGGGTCTGTTT
CTGCAGAAAACAAATATCATTTCGTGATTATCTGGAAGACCAACAAGAAGGAAGACAGTTTTGGCCTCAAG
AGGTATGGGGCAAATATGTTAAGAAGCTGGAAGACTTTGTTAAGCCAGAGAACGTAGATGTGGCCGTGAA
GTGCTTGAATGAACTCATAACCAACGCCCTACAACACATCCCTGACGTCATCACCTACCTGTCAAGGCTC
CGGAACCAAAGTGTGTTAACTTCTGTGCCATTCCACAGGTAATGGCCATTGCTACGCTGGCTGCCTGTT
ACAATAACCATCAGGTATTCAAGGGAGTAGTGAAGATTCGGAAGGGGCAAGCAGTTACCCTCATGATGGA
TGCCACCAACATGCCAGCTGTCAAAGCTATCATATACCAGTACATAGAAGAGATTTATCACCGGGTCCCC
AACTCAGACCCGTCAGTAGCAAGGCCAAGCAGCTCATCTCCAACATCAGGACGCAGAGCCTTCCAATT
GCCAGCTCATCTCCGAAGCCACTACTCCCCATTTACCTGTCTTCATCATGCTCTTGGCTGCCCTGAG
CTGGCAGTACTTGAGCACTCTGTCCAGGTCACAGAAGACTATGTCCAGAGAGAACA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_019238
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:	<u>NM_019238.2</u> , <u>NP_062111.1</u>
RefSeq Size:	3173 bp
RefSeq ORF:	1251 bp
Locus ID:	29580
UniProt ID:	<u>Q02769</u>
Cytogenetics:	15p12
Gene Summary:	catalyzes the conversion of trans-farnesyl diphosphate to squalene; plays a role in biosynthesis of cholesterol and of isoprenoids [RGD, Feb 2006]