

Product datasheet for TP301392

OriGene Technologies, Inc.

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FDFT1 (NM_004462) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human farnesyl-diphosphate farnesyltransferase 1 (FDFT1), 20 μg

Species: Human
Expression Host: HEK293T

Expression cDNA Clone >RC201392 protein sequence or AA Sequence: Red=Cloning site Green=Tags(s)

MEFVKCLGHPEEFYNLVRFRIGGKRKVMPKMDQDSLSSSLKTCYRYLNQTSRSFAAVIQALDGEMRNAVC IFYLVLRALDTLEDDMTISVEKKVPLLHNFHSFLYQPDWRFMESKEKDRQVLEDFPTISLEFRNLAEKYQ TVIADICRRMGIGMAEFLDKHVTSEQEWDKYCHYVAGLVGIGLSRLFSASEFEDPLVGEDTERANSMGLF LQKTNIIRDYLEDQQGGREFWPQEVWSRYVKKLGDFAKPENIDLAVQCLNELITNALHHIPDVITYLSRL RNQSVFNFCAIPQVMAIATLAACYNNQQVFKGAVKIRKGQAVTLMMDATNMPAVKAIIYQYMEEIYHRIP DSDPSSSKTRQIISTIRTQNLPNCQLISRSHYSPIYLSFVMLLAALSWQYLTTLSQVTEDYVQTGEH

TRTRPLEQKLISEEDLAANDILDYKDDDDK**V**

Tag: C-Myc/DDK

Predicted MW: 47.9 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by

conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience

some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and

handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: NP 004453

Locus ID: 2222



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UniProt ID: P37268, Q6IAX1

RefSeq Size: 2192 8p23.1 Cytogenetics: 1251 RefSeq ORF:

Synonyms: DGPT; ERG9; SQS; SQSD; SS

Summary: This gene encodes a membrane-associated enzyme located at a branch point in the

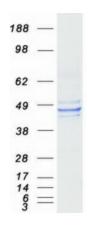
> mevalonate pathway. The encoded protein is the first specific enzyme in cholesterol biosynthesis, catalyzing the dimerization of two molecules of farnesyl diphosphate in a two-

step reaction to form squalene. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome

Protein Pathways: Metabolic pathways, Steroid biosynthesis

Product images:



Coomassie blue staining of purified FDFT1 protein (Cat# TP301392). The protein was produced from HEK293T cells transfected with FDFT1 cDNA clone (Cat# [RC201392]) using

MegaTran 2.0 (Cat# [TT210002]).