Recombinant Full Length Human FDFT1 Protein

Cat. No. FDFT1-167HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human FDFT1 with an N-terminal proprietary tag; 71.98 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	417 amino acids
Description	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.
Form	Liquid
Molecular Mass	71.980kDa inclusive of tags
AA Sequence	MEFVKCLGHPEEFYNLVRFRVGGKRKVMPKMDQDSLSSSL KTCYKYLNQTSRSFA AVIQALDGEMRNAVCIFYLVLRALD TLEDDMTISVEKKVPLLHNFHSFLYQPDWRFM ESKEKDRQ VLEDFPTISLEFRNLAEKYQTVIADICRRMGIGMAEFLDK HVTSEQEW DKYCHYVAGLVGIGLSRLFSASEFEDPLVGED TERANSMGLFLQKTNIIRDYLEDQQ GGREFWPQEVWSRYV KKLGDFAKPENIDLAVQCLNELITNALHHIPDVITYLSRL RN QSVFNFCAIPQVMAIATLAACYNNQQVFKGAVKIRKGQ AVTLMMDATNMPAVKAIIY QYMEEIYHRIPDSDPSSSKTR QIISTIRTQNLPNCQLISRSHYSPIYLSFVMLLAALSW QY LTTLSQVTEDYVQTGEH

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Purity	Proprietary Purification
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
Storage Buffer	pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name	FDFT1 farnesyl-diphosphate farnesyltransferase 1 [Homo sapiens]
Official Symbol	FDFT1
Synonyms	FDFT1; farnesyl-diphosphate farnesyltransferase 1; squalene synthase
Gene ID	2222
mRNA Refseq	NM_004462
Protein Refseq	NP_004453
MIM	184420
UniProt ID	P37268

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