Recombinant Human FDFT1 Protein, GST-tagged

Cat. No. FDFT1-4057H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FDFT1 full-length ORF (AAH03573, 1 a.a. - 417 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq
Molecular Mass	71.61 kDa
AA Sequence	MEFVKCLGHPEEFYNLVRFRVGGKRKVMPKMDQDSLSSSLKTCYKYLNQTSRSFA AVIQALDGEMRNAVCIFYLVLRALDTLEDDMTISVEKKVPLLHNFHSFLYQPDWRFM ESKEKDRQVLEDFPTISLEFRNLAEKYQTVIADICRRMGIGMAEFLDKHVTSEQEWD KYCHYVAGLVGIGLSRLFSASEFEDPLVGEDTERANSMGLFLQKTNIIRDYLEDQQG GREFWPQEVWSRYVKKLGDFAKPENIDLAVQCLNELITNALHHIPDVITYLSRLRNQS VFNFCAIPQVMAIATLAACYNNQQVFKGAVKIRKGQAVTLMMDATNMPAVKAIIYQY MEEIYHRIPDSDPSSSKTRQIISTIRTQNLPNCQLISRSHYSPIYLSFVMLLAALSWQYL TTLSQVTEDYVQTGEH
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

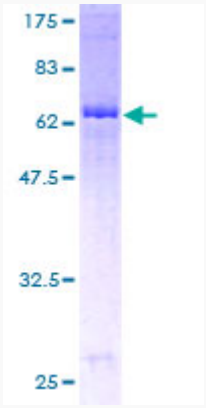
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	FDFT1 farnesyl-diphosphate farnesyltransferase 1 [Homo sapiens]
Official Symbol	FDFT1
Synonyms	FDFT1; farnesyl-diphosphate farnesyltransferase 1; squalene synthase; squalene synthetase; FPP:FPP farnesyltransferase; presqualene-di-diphosphate synthase; SS; SQS; DGPT; ERG9;
Gene ID	2222
mRNA Refseq	NM_004462
Protein Refseq	NP_004453
MIM	184420
UniProt ID	P37268

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Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.

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