Datasheet for ABIN5853847

FDFT1 Protein (AA 1-283) (His tag)

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1 Image

Overview

Quantity:	50 µg
Target:	FDFT1
Protein Characteristics:	AA 1-283
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This FDFT1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMEFVKCL GHPEEFYNLV RFRIGGKRKV MPKMDQDSLS SSLKTCYKYL NQTSRSFAAV IQALDGEMRN AVCIFYLVLR ALDTLEDDMT ISVEKKVPLL HNFHSFLYQP DWRFMESKEK DRQVLEDFPT ISLEFRNLAE KYQTVIADIC RRMGIGMAEF LDKHVTSEQE WDKYCHYVAG LVGIGLSRLF SASEFEDPLV GEDTERANSM GLFLQKTNII RDYLEDQQGG REFWPQEVWS RYVKKLGDFA KPENIDLAVQ CLNELITNAL HHIPDVITYL SRLRNQ
Purity:	> 85 % by SDS - PAGE

Target Details

Target:	FDFT1
Alternative Name:	FDFT1 (FDFT1 Products)
Background:	FDFT1 is a membrane-associated enzyme located at a branch point in the mevalonate

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Target Details

	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. Recombinant human FDFT1 protein, fused to His-tag at N-terminus, was expressed in E.coli .
Molecular Weight:	35.4 kDa (306aa)
NCBI Accession:	NP_004453
UniProt:	P37268
Pathways:	Regulation of Lipid Metabolism by PPARalpha

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Denatured
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 10 % glycerol, 0.4M urea
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

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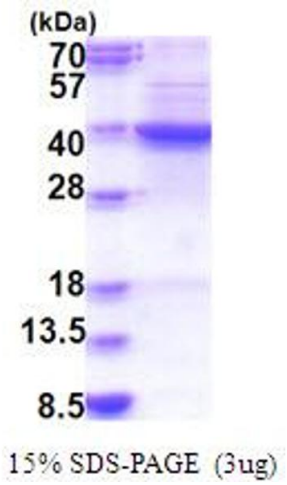

SDS-PAGE
Image 1.

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