

Product datasheet for **AR51609PU-S**

Squalene synthetase (1-283, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Squalene synthetase (1-283, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMEFVKCL GHPEEFYNLV RFRIGGKRKV MPKMDQDLSL SSLKTCYKYL NQTSRSFAAV IQALDGEMRN AVCIFYLVLR ALDTLEDDMT ISVEKKVPLL HNFHSFLYQP DWRFMESKEK DRQVLEDFPT ISLEFRNLAE KYQTVIADIC RRMGIGMAEF LDKHVTSEQE WDKYCHYVAG LVGIGLSRLF SASEFEDPLV GEDTERANSM GLFLQKTNII RDYLEDQQQG REFWPQEVWS RYVKKLG DFA KPENIDLAVQ CLNELITNAL HHIPDVITYL SRLRNQ
Tag:	His-tag
Predicted MW:	35.4 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea
Preparation:	Liquid purified protein
Protein Description:	Recombinant human FDFT1 protein, fused to His-tag at N-terminus, was expressed in E.coli .
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001274671
Locus ID:	2222
UniProt ID:	P37268 , Q6IAX1
Cytogenetics:	8p23.1
Synonyms:	DGPT; ERG9; SQS; SQSD; SS



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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:

