

# Product datasheet for AR51609PU-N

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

### **Product data:**

#### **Product Type: Recombinant Proteins Description:** Squalene synthetase (1-283, His-tag) human recombinant protein, 0.25 mg Species: Human E. coli **Expression Host: Expression cDNA Clone** MGSSHHHHHH SSGLVPRGSH MGSMEFVKCL GHPEEFYNLV RFRIGGKRKV MPKMDQDSLS or AA Sequence: 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 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 Liquid purified protein **Preparation: 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. Shelf life: one year from despatch. Stability: **RefSeq:** NP 001274671 2222 Locus ID: **UniProt ID:** P37268, Q6IAX1 Cytogenetics: 8p23.1 Synonyms: DGPT; ERG9; SQS; SQSD; SS



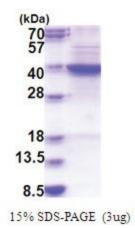
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	Squalene synthetase (1-283, His-tag) Human Protein – AR51609PU-N
Summary:	This gene encodes a membrane-associated enzyme located at a branch point in the mevalonate pathway. The encoded protein is the first specific enzyme in cholesterol biosynthesis, 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 Pathwa	ys: Metabolic pathways, Steroid biosynthesis

## Product images:



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