Recombinant Rat Fdft1 protein, His-tagged

Cat. No. Fdft1-1831R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Fdft1 aa. (Phe187~His416 (Accession # Q02769)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Phe187~His416
Description	Catalyzes the conversion of trans-farnesyl diphosphate to squalene; plays a role in biosynthesis of cholesterol and of isoprenoids.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 27.9kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.3.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate

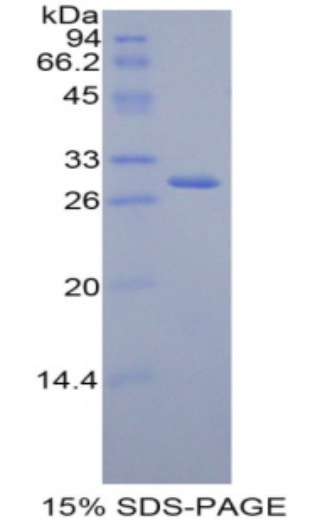
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	was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Fdft1 farnesyl diphosphate farnesyl transferase 1 [Rattus norvegicus (Norway rat)]
Official Symbol	Fdft1
Synonyms	Fdft1; farnesyl diphosphate farnesyl transferase 1; squalene synthase; FPP:FPP farnesyltransferase; SQS; SS; farnesyl diphosphate farnesyltransferase; squalene synthetase
Gene ID	29580
mRNA Refseq	NM_019238.2
Protein Refseq	NP_062111.1
UniProt ID	Q02769

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SDS-PAGE	 15% SDS-PAGE

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