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FDFT1, 1-283aa, Human, His tag, E.coli

产品货号: TP02109

第三版

别名:Squalene synthase, DGPT, ERG9, SQS, SS

描述:FDFT1 is 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. Recombinant human FDFT1 protein, fused to His-tag at N-terminus, was expressed in E.coli .

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea

分子量:35.4 kDa ( 306aa)

序列:

MGSSHHHHHHSSGLVPRGSHMGSMFVKCLGHPEEFYNLVRFRIGGKRKVMMPKMDQDSLSSSLKTCYKYLNQTSRSFAA  
VIQALDGERNAVCIFYLVLRALDTLEDDMTISVEKKVPLLHNFHSFLYQPDWRFMESKEKDRQVLEDFPTISLEFRNLAE  
KYQTVIADICRRMGIGMAEFLDKHVTSEQEWDKYCHYVAGLVGIGLSRFLSASEFEDPLVGEDTERANSMGLFLQKTNIIR  
DYLEDQQGGREFWPQEVWSRYVKKLGDFAKPENIDLAVQCLNELITNALHHIPDVITYLSRLRNQ

纯度:> 95% by HPLC

浓度:0.25 mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.