

### Recombinant Human GGPS1 protein ab100959

#### 1 图像

#### 描述

产品名称	重组人GGPS1蛋白	
纯度	> 90 % SDS-PAGE. ab100959 was purified using conventional chromatography techniques.	
表达系统	Escherichia coli	
Accession	<b><u>O95749</u></b>	
蛋白长度	Full length protein	
无动物成分	No	
性质	Recombinant	
种属	Human	
序列		<p> <b>MGSSHHHHHSSGLVPRGSHMEKTQETVQRILLEPYKYLL</b>  <b>QLPGKQVRTK</b>  <b>LSQAFNHWLKVPEDKLQIIIEVTEMLHNASLLIDDIEDNSKL</b>  <b>RRGFPVAH</b>  <b>SIYGIPSVINSANYVYFLGLEKVLTDHPDAVKLFTRQLLEL</b>  <b>HQQQGLDI</b>  <b>YWRDNYTCPTREEEYKAMVLQKTGGLFGLAVGLMQLFSDYKED</b>  <b>LKPLLNTL</b>  <b>GLFFQIRDDYANLHSKEYSENKSFCEDLTEGKFSFPTIHAIW</b>  <b>SRPESTQV</b>  <b>QNILRQRTEIDIKKYCVHYLEDVGSFEYTRNTLKELEAKAY</b>  <b>KQIDARGG NPELVALVKHLSKMFKEENE</b> </p>
预测分子量	37 kDa including tags	
氨基酸	1 to 300	
标签	His tag N-Terminus	

#### 技术指标

Our **Abpromise guarantee** covers the use of **ab100959** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Mass Spectrometry
	SDS-PAGE
质谱法	MALDI-TOF

**形式** Liquid

## 制备和贮存

**稳定性和存储** Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.  
pH: 8.00  
Constituents: 0.0154% DTT, 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine)

## 常规信息

**功能** Catalyzes the trans-addition of the three molecules of IPP onto DMAPP to form geranylgeranyl pyrophosphate, an important precursor of carotenoids and geranylated proteins.

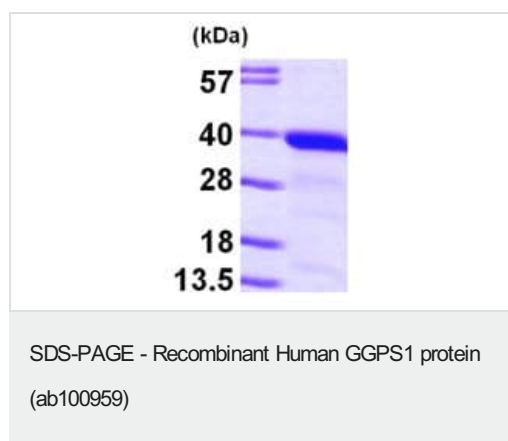
**组织特异性** Abundantly expressed in testis. Found in other tissues to a lower extent.

**通路** Isoprenoid biosynthesis; farnesyl diphosphate biosynthesis; farnesyl diphosphate from geranyl diphosphate and isopentenyl diphosphate: step 1/1.  
Isoprenoid biosynthesis; geranyl diphosphate biosynthesis; geranyl diphosphate from dimethylallyl diphosphate and isopentenyl diphosphate: step 1/1.  
Isoprenoid biosynthesis; geranylgeranyl diphosphate biosynthesis; geranylgeranyl diphosphate from farnesyl diphosphate and isopentenyl diphosphate: step 1/1.

**序列相似性** Belongs to the FPP/GGPP synthase family.

**细胞定位** Cytoplasm.

## 图片



15% SDS-PAGE showing ab100959 at approximately 37kDa (3µg).

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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