

Product datasheet

Recombinant Human IDI2 protein ab105602

1 图像

概述

产品名称	重组人IDI2蛋白
蛋白长度	Full length protein

描述

性质	Recombinant
来源	Escherichia coli
氨基酸序列	
Accession	<a href="#">Q9BXS1</a>
种属	Human

序列	<p>MGSSHHHHHH SGLVPRGSH MSDINLDWVD  RRQLQRLEEM LIVVDENDKV IGADTKRNCH  LNENIEKGLL HRAFSVVLFN TKNRILIQQR  SDTKVTFPGY FTDCSSHPL YNPAELEEKD  AIGVRRAAQR RLQAELGIPG EQISPEDIVF  MTIYHHKAKS DRIWGEHEIC YLLLVRKNVT  LNPDPSETKS ILYLSQEELW ELLEREARGE  VKVTPWLRTI AERFLYRWWP HLDDVTPFVE LHKIHRV</p>
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分子量	29 kDa including tags
氨基酸	1 to 227
标签	His tag N-Terminus

技术指标

Our [Abpromise guarantee](#) covers the use of **ab105602** in the following tested applications.

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

应用	<p>SDS-PAGE</p> <p>Mass Spectrometry</p>
质谱法	MALDI-TOF
纯度	<p>&gt; 80 % SDS-PAGE.</p> <p>ab105602 is purified using conventional chromatography techniques.</p>
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: 0.00174% PMSF, 0.0154% DTT, 0.316% Tris HCl, 10% Glycerol

## 常规信息

### 功能

Catalyzes the 1,3-allylic rearrangement of the homoallylic substrate isopentenyl (IPP) to its highly electrophilic allylic isomer, dimethylallyl diphosphate (DMAPP).

### 组织特异性

Detected in skeletal muscle.

### 通路

Isoprenoid biosynthesis; dimethylallyl diphosphate biosynthesis; dimethylallyl diphosphate from isopentenyl diphosphate: step 1/1.

### 序列相似性

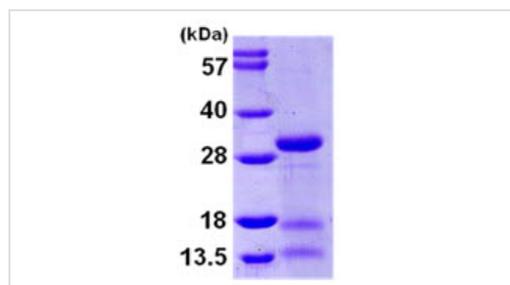
Belongs to the IPP isomerase type 1 family.

Contains 1 nudix hydrolase domain.

### 细胞定位

Peroxisome.

## 图片



15% SDS-PAGE showing ab105602 (3µg) at approximately 28.9 kDa.

SDS-PAGE - Recombinant Human IDI2 protein  
(ab105602)

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