

Product datasheet

Recombinant Human DHRS4 protein ab116155

1 图像

概述

产品名称	重组人DHRS4蛋白
蛋白长度	Full length protein

描述

性质	Recombinant
来源	Escherichia coli

氨基酸序列

Accession [Q9BTZ2](#)

种属 Human

序列 MGSSHHHHHSSGLVPRGSHMGSHMKAGLLGLCARAWNSVRMASSGMTR  
RDPLANKVALVTASTDGIGFAIARRLAQDGAHVVSRRKQNVNQAVATL  
QGEGLSVTGTVCHVGKAEDRERLVATAVKLHGGIDILVSNAAVNPFFGSI  
MDVTEEVWDKTLDINVKAPALMTKAVVPEMMHKAGLLGLCARAWNSVRMA  
SSGMTRRDPLANKVALVTASTDGIGFAIARRLAQDGAHVVSRRKQEKRG  
GGSVVIVSSIAAFSPSPGFSPYNVSKTALLGLTKTLAIELAPRNIRVNCL  
APGLIKTSFSRMLWMDKEKEESMKETLRIRRLGEPEDCAGIVSFLCSEDA  
SYITGETVVVGGGTPSRL

分子量 32 kDa including tags

氨基酸 1 to 278

标签 His tag N-Terminus

技术指标

Our [Abpromise guarantee](#) covers the use of **ab116155** 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
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质谱法 MALDI-TOF

纯度 > 85 % SDS-PAGE.  
ab116155 was purified using conventional chromatography techniques.

形式 Liquid

## 制备和贮存

### 稳定性和存储

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 7.50

Constituents: 0.32% Tris HCl, 20% Glycerol, 0.02% DTT

## 常规信息

### 功能

Reduces all-trans-retinal and 9-cis retinal. Can also catalyze the oxidation of all-trans-retinol with NADP as co-factor, but with much lower efficiency. Reduces alkyl phenyl ketones and alpha-dicarbonyl compounds with aromatic rings, such as pyrimidine-4-aldehyde, 3-benzoylpyridine, 4-benzoylpyridine, menadione and 4-hexanoylpyridine. Has no activity towards aliphatic aldehydes and ketones.

### 组织特异性

Isoform 1 is predominantly expressed in normal cervix (at protein level). Isoform 4 is expressed in some neoplastic cervical tissues, but not in normal cervix (at protein level). Isoform 5 and isoform 6 are expressed in a few neoplastic cervical tissues.

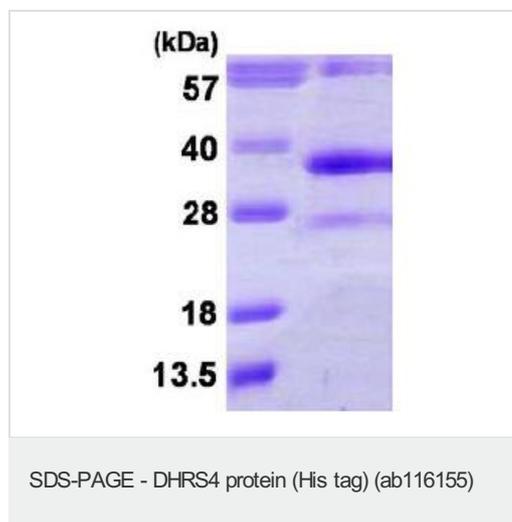
### 序列相似性

Belongs to the short-chain dehydrogenases/reductases (SDR) family.

### 细胞定位

Peroxisome. Isoform 1 is peroxisomal, while isoform 4 is not.

## 图片



15% SDS-PAGE showing ab116155 at approximately 32.1kDa (3µg).

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