# abcam

## Product datasheet

## Recombinant Human DHRS9 protein ab123162

### 1 图像

描述

产品名称 重组人DHRS9蛋白

纯**度** > 90 % SDS-PAGE.

ab123162 was purified by using conventional chromatography.

表达系统 Escherichia coli

Accession Q9BPW9

**蛋白长度** Full length protein

无动物成分 No

性质 Recombinant

种属 Human

序列 MGSSHHHHHH SSGLVPRGSH MGSHMRKGKL

KIEDITDKYI FITGCDSGFG NLAARTFDKK
GFHVIAACLT ESGSTALKAE TSERLRTVLL
DVTDPENVKR TAQWVKNQVG EKGLWGLINN
AGVPGVLAPT DWLTLEDYRE PIEVNLFGLI
SVTLNMLPLV KKAQGRVINV SSVGGRLAIV
GGGYTPSKYA VEGFNDSLRR DMKAFGVHVS
CIEPGLFKTN LADPVKVIEK KLAIWEQLSP
DIKQQYGEGY IEKSLDKLKG NKSYVNMDLS
PVVECMDHAL TSLFPKTHYA AGKDAKIFWI
PLSHMPAALQ DFLLLKQKAE LANPKAV

预测分子量 36 kDa including tags

**氨基酸** 18 to 319

标签 His tag N-Terminus

技术指标

Our **Abpromise guarantee** covers the use of **ab123162** 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

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#### 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: 8.00

Constituents: 0.02% PMSF, 0.02% DTT, 0.32% Tris HCI, 20% Glycerol (glycerin, glycerine),

0.58% Sodium chloride

#### 常规信息

功能 3-alpha-hydroxysteroid dehydrogenase that converts 3-alpha-tetrahydroprogesterone

(allopregnanolone) to dihydroxyprogesterone and 3-alpha-androstanediol to

dihydroxyprogesterone. May play a role in the biosynthesis of retinoic acid from retinaldehyde, but

seems to have low activity with retinoids. Can utilize both NADH and NADPH.

组织特异性 Highly expressed in trachea and epidermis. Detected at lower levels in spinal cord, bone marrow,

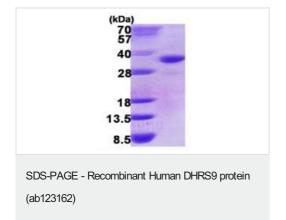
brain, tongue, esophagus, heart, colon, testis, placenta, lung, skeletal muscle and lymph node.

序列相似性 Belongs to the short-chain dehydrogenases/reductases (SDR) family.

细胞定位 Microsome membrane. Endoplasmic reticulum membrane. Associated with microsomal

membranes.

## 图片



15% SDS PAGE analysis of 3  $\mu g$  of Human DHRS9 protein (ab123162).

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

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