# abcam

## Product datasheet

# Recombinant Human Hsd17b11 protein ab101826

## 1 图像

描述

产品名称 重组人Hsd17b11蛋白

纯**度** > 95 % SDS-PAGE.

ab101826 was purified using conventional chromatography techniques.

表达系统 Escherichia coli

Accession Q8NBQ5

**蛋白长度** Protein fragment

无动物成分 No

性质 Recombinant

种属 Human

序列 MGSSHHHHHHSSGLVPRGSHMESFVKLFIPKRRKSVTGEIVL

ITGAGHGI

GRLTAYEFAKLKSKLVLWDINKHGLEETAAKCKGLGAKVHTF

**VVDCSNRE** 

DIYSSAKKVKAEIGDVSILVNNAGVVYTSDLFATQDPQIEKT

**FEVNVLAH** 

FWTTKAFLPAMTKNNHGHIVTVASAAGHVSVPFLLAYCSSKF

AAVGFHKT

LTDELAALQITGVKTTCLCPNFVNTGFIKNPSTSLGPTLEPE

**EVVNRLMH** 

GILTEQKMIFIPSSIAFLTTLERILPERFLAVLKQKI

预测分子量 31 kDa including tags

**氨基酸** 20 to 285

标签 His tag N-Terminus

技术指标

Our **Abpromise guarantee** covers the use of **ab101826** in the following tested applications.

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

应**用** SDS-PAGE

Mass Spectrometry

质**谱法** MALDI-TOF

1

#### 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: 0.077% DTT, 0.316% Tris HCI, 20% Glycerol (glycerin, glycerine), 1.16% Sodium

chloride

#### 常规信息

#### 功能

Can convert androstan-3-alpha,17-beta-diol (3-alpha-diol) to androsterone in vitro, suggesting that it may participate in androgen metabolism during steroidogenesis. May act by metabolizing compounds that stimulate steroid synthesis and/or by generating metabolites that inhibit it. Has no activity toward DHEA (dehydroepiandrosterone), or A-dione (4-androste-3,17-dione), and only a slight activity toward testosterone to A-dione. Tumor-associated antigen in cutaneous T-cell lymphoma.

#### 组织特异性

Present at high level in steroidogenic cells such as syncytiotrophoblasts, sebaceous gland, Leydig cells, and granulosa cells of the dominant follicle and corpus luteum. In lung, it is detected in the ciliated epithelium and in acini of adult trachea, in bronchioles, but not in alveoli. In the eye, it is detected in the nonpigmented epithelium of the ciliary body and, at lower level, in the inner nuclear layer of the retina (at protein level). Widely expressed. Highly expressed in retina, pancreas, kidney, liver, lung, adrenal, small intestine, ovary and heart.

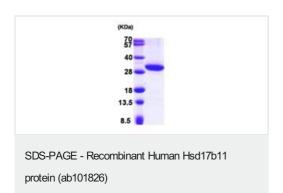
#### 序列相似性

Belongs to the short-chain dehydrogenases/reductases (SDR) family. 17-beta-HSD 3 subfamily.

#### 细胞定位

Secreted.

#### 图片



15% SDS-PAGE analysis of 3µg ab101826

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

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- Extensive multi-media technical resources to help you
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