abcam

Product datasheet

Recombinant human TGF beta 3 protein (Active) ab52313

1 References 2 图像

描述

产品名称 重组人TGF beta 3蛋白(Active)

生物活性 ab52313 is fully biologically active.

The ED₅₀ was determined by cytotoxicity assay using the WHO standard 98/608 as a direct

comparison is < 0.05 ng/ml, corresponding to a specific activity of > 2 x 108 units/mg.

纯**度** > 98 % SDS-PAGE.

>98% HPLC analyses

表达系统 Escherichia coli

Accession P10600

蛋白长度 Full length protein

无动物成分 No

性质 Recombinant

种属 Human

序列 ALDTNYCFRN LEENCCVRPL YIDFRQDLGW

KWVHEPKGYY ANFCSGPCPY LRSADTTHST VLGLYNTLNP EASASPCCVP ODLEPLTILY

YVGRTPKVEQ LSNMVVKSCK CS

预**测分子量** 26 kDa **氨基酸** 301 to 412

额外的序列信息 (Gene symbol: TGFB3) (Gene ID: 7043)

技术指标

Our Abpromise guarantee covers the use of ab52313 in the following tested applications.

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

应**用** HPLC

Western blot

Functional Studies

SDS-PAGE

形式 Liquid

补充说明 This product is manufactured by BioVision, an Abcam company and was previously called 4344

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TGF-beta3, human recombinant. 4344-5 is the same size as the 5 µg size of ab52313.

Endotoxin level: <0.1 ng/µg.

Centrifuge the vial prior to opening.

制备和贮存

稳定性和存储

Shipped at 4°C. Store at +4°C. For long term storage it is recommended to add a carrier protein on reconstitution (0.1% HSA or BSA). Please see notes section.

Constituents: 20% Ethanol, 0.06% Acetic acid buffer

This product is an active protein and may elicit a biological response in vivo, handle with caution.

常规信息

功能

Involved in embryogenesis and cell differentiation.

疾病相关

Defects in TGFB3 are a cause of familial arrhythmogenic right ventricular dysplasia type 1 (ARVD1) [MIM:107970]; also known as arrhythmogenic right ventricular cardiomyopathy 1 (ARVC1). ARVD is an autosomal dominant disease characterized by partial degeneration of the myocardium of the right ventricle, electrical instability, and sudden death. It is clinically defined by electrocardiographic and angiographic criteria; pathologic findings, replacement of ventricular myocardium with fatty and fibrous elements, preferentially involve the right ventricular free wall.

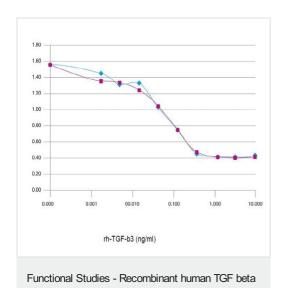
序列相似性

Belongs to the TGF-beta family.

细胞定位

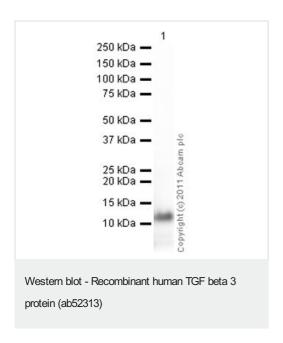
Secreted.

图片



3 protein (Active) (ab52313)

Cytotoxicity Assay of ab52313.



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

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