

Recombinant human TGF beta 3 protein (Animal Free) ab217402

2 References

描述

产品名称	重组人TGF beta 3蛋白(Animal Free)
生物活性	Determined by TGF-β3's ability to inhibit the mouse IL-4-dependent proliferation of mouse HT-2 cells. The expected ED ₅₀ is ≤ 0.05 ng/mL, corresponding to a specific activity of ≥ 2 x 10 ⁷ units/mg.
纯度	> 98 % SDS-PAGE. > 98 % HPLC.
表达系统	Escherichia coli
Accession	<u>P10600</u>
蛋白长度	Full length protein
无动物成分	Yes
性质	Recombinant
种属	Human
序列	ALDTNYCFRNLEENCCVRPLYIDFRQDLGKWKVHEPKGYAN FCSGPCPY LRSADTTHSTVLGLYNTLNPEASASPCCVPQDLEPLTILYYV GRTPKVEQ LSMVVKSCCKCS
预测分子量	25 kDa
氨基酸	301 to 412
额外的序列信息	Recombinant Human TGF-β3 is composed of two identical 12.7 kDa, 112 amino acid polypeptide chains linked by a single disulfide bond.

技术指标

Our **Abpromise guarantee** covers the use of **ab217402** in the following tested applications.

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

应用	Functional Studies SDS-PAGE HPLC
形式	Lyophilized

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.

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

复溶

For lot specific reconstitution information please contact our Scientific Support Team.

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.

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

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