

Recombinant human TGF beta 2 protein (Active) ab84070

8 References 1 图像

描述	
产品名称	重组人TGF beta 2蛋白(Active)
生物活性	Determined by its ability to inhibit the mouse IL-4-dependent proliferation of mouse HT-2 cells. The ED <sub>50</sub> was found to be = 0.2 ng/ml, corresponding to a specific activity of = 5 x 10 <sup>6</sup> units/mg.
纯度	> 98 % SDS-PAGE. > 98% HPLC analyses.
内毒素水平	< 1.000 Eu/μg
表达系统	HEK 293 cells
Accession	<b><u>P61812</u></b>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	ALDAAYCFRN VQDNCCLRPL YIDFKRDLGW KWIHEPKGYN ANFCAGACPY LWSSDTQHSR VLSLYNTINP EASASPCCVS QDLEPLTILY YIGKTPKIEQ LSNMIVKSCK CS
预测分子量	25 kDa
氨基酸	303 to 414

技术指标	
Our <b><u>Abpromise guarantee</u></b> covers the use of <b>ab84070</b> 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 Functional Studies SDS-PAGE Western blot
形式	Lyophilized

## 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. Stable for 12 months at -20°C.

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

## 复溶

Reconstitute in water to 0.1-1.0 mg/ml. Store at 2°C to 8°C for up to 1 week or prepare for extended storage. After initial reconstitution, further dilute in a buffer containing a carrier protein or stabilizer (e.g. 0.1% BSA). Store working aliquots at -20°C to -80°C.

## 常规信息

### 功能

TGF-beta 2 has suppressive effects on interleukin-2 dependent T-cell growth.

### 疾病相关

A chromosomal aberration involving TGFB2 is found in a family with Peters anomaly.

Translocation t(1;7)(q41;p21) with HDAC9.

Loeys-Dietz syndrome 4

Defects in TGFB2 may be a cause of non-syndromic aortic disease (NSAD). NSAD is a frequently asymptomatic but potentially lethal disease characterized by thoracic aortic aneurysms and dissections without additional syndromic features.

### 序列相似性

Belongs to the TGF-beta family.

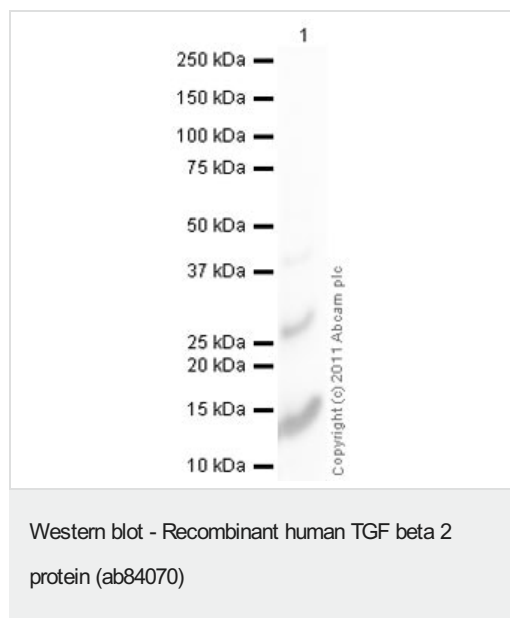
### 翻译后修饰

The precursor is cleaved into mature TGF-beta-2 and LAP, which remains non-covalently linked to mature TGF-beta-2 rendering it inactive.

### 细胞定位

Secreted.

## 图片



Recombinant ab84070 is a homodimer with an expected molecular weight of 25kDa. The monomeric form is expected to run at approximately 12kDa.

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

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