

### TGF<sub>B</sub>2/TGF<sub>B</sub>2, Human, Recombinant

货号: PCK092

### 产品信息

别名 Transforming Growth Factor beta-2; TGFB2; Polyergin; G-TSF; Glioblastoma-

Derived T-cell suppressor factor; Cetermin; BSC-1 cell growth inhibitor; TGF-

beta-2

物种 Human

表达宿主 **Human Cells** 

序列信息 Ala303-Ser414

检索号 P61812

分子量 12.7 kDa

生物活性 Measured by its ability to inhibit the IL-4-dependent proliferation of TF-1 cells. The

ED50 for this effect is 30-180pg/ml.

## 产品特性

纯度 >95% as determined by reducing SDS-PAGE.

内毒素 <1.0 EU per µg as determined by LAL test.

保存 Lyophilized protein should be stored at -5~-20°C, stable for one year after receipt.

Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of

reconstituted samples are stable at -5~-20°C for 3 months.

运输 Ambient temperature or ice pack.

制剂 Lyophilized from a 0.2 µm filtered solution of 4 mM HCl.

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#### 复融

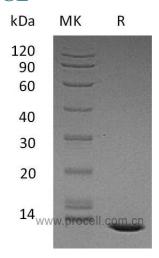
Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than  $100 \,\mu\text{g/ml.D}$  is solve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## 背景介绍

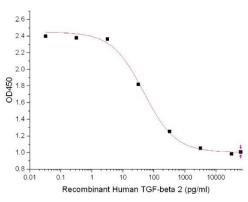
Transforming Growth Factor beta-2 (TGF- $\beta$ 2) is a secreted protein which belongs to the TGF-beta family. It is known as a cytokine that performs many cellular functions and has a vital role during embryonic development. The precursor is cleaved into mature TGF-beta-2 and LAP, which remains non-covalently linked to mature TGF-beta-2 rendering it inactive. It is an extracellular glycosylated Protein. It is known to suppress the effects of Interleukin dependent T-cell tumors. Defects in TGFB2 may be a cause of non-syndromic aortic disease (NSAD).

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### SDS-PAGE



# 生物活性



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