

## TGF<sub>B</sub> 1/TGFB<sub>1</sub>, Human, Recombinant

货号: PCK354

## 产品信息

别名 Differentiation inhibiting factor, Cartilage-inducing factor, CED, DPD1, ındı. Pricella م

IBDIMDE, LAP, TGFB

物种 Human

表达宿主 E.coli

序列信息 MALDTNYCFSSTEKNCCVROLYIDFRKDLGWKWIHEPKGYHANFCLGPCP

YIWSLDTQYSKVLALYNQHNPGASAAPCCVPQALEPLPIVYYVGRKPKVEQ

LSNMIVRSCKCS with polyhistidine tag at the C-terminus.

检索号 P01137.2

分子量 13.7 kDa

标签 His-tag at the C-terminus

生物活性 Measure by its ability to inhibit the IL-4 dependent proliferation in HT-2 cells. The

> ED50 for this effect is <0.1 ng/mL. The specific activity of recombinant human TGF beta 1 is approximately  $>5 \times 10^7$  IU/mg.Measure by its ability to induce

proliferation in MCF-7 cells. The ED50 for this effect is <3.2 ng/mL. 警诺赛® Pricella

# 产品特性

纯度 >98% as determined by SDS-PAGE. Ni-NTA chromatography

内毒素 <0.1 EU per 1 µg of the protein by the LAL method.

保存 Lyophilized protein should be stored at -5~-20°C for 1 year. Upon reconstitution,

> store at 2-8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g.0.1%BSA,10%FBS,5%HSA or 5% trehalose solution),

protein aliquots should be stored at -5~-20°C or -80°C for 3-6 months.

运输 Ambient temperature or ice pack.

制剂 The protein was lyophilized from a 0.2 µm filtered solution containing 1X PBS, pH

8.0.

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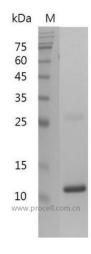
#### 复融

It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100 µg/mL.Do Not Vortex! Vigorous shaking may impair the biological activity of the protein. In some experiments, it recommends to add 10 mM HCl when reconstitute lyophilized protein.

## 背景介绍

Transforming growth factor beta 1 or TGF-β1 is a polypeptide member of the transforming growth factor beta superfamily of cytokines. It is a secreted protein that performs many cellular functions, ... in hu 肾精凝® | Pricella including the control of cell growth, cell proliferation, cell differentiation, and apoptosis. In humans, TGF-β1 is encoded by the TGFB1 gene.

#### **SDS-PAGE**



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