

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

货号: PCK357

# 产品信息

别名 Differentiation inhibiting factor, Cartilage-inducing factor, Tgfb-1 Pricella

物种 Mouse

表达宿主 E.coli

序列信息 MALDTNYCFSSTEKNCCVRQLYIDFRKDLGWKWIHEPKGYHANFCLGPCP

YIWSLDTQYSKVLALYNQHNPGASASPCCVPQALEPLPIVYYVGRKPKVEQ

LSNMIVRSCKCS with polyhistidine tag at the C-terminus.

检索号 P04202.1(Mouse), P17246.1(Rat)

分子量 13.8 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.

# 产品特性

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

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 20 mM

sodium citrate, 0.2 M NaCl, pH 3.5.

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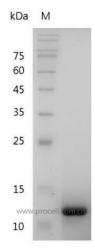
#### 复融

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 背溝賽® | Pricella Procell 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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