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TGF 1, 279-390 aa, Human, Recombinant, E.coli

产品货号: TP04188

第三版

别名: CED, DPD1, TGFB, Transforming growth factor beta 1, TGFβ1, TGFβ, Camurati-Engelmann disease,

描述: Transforming growth factor beta 1 (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, including the control of cell growth, cell proliferation, cell differentiation and apoptosis. Many cells synthesize TGFβ1 and almost all of them have specific receptors for it. It positively and negatively regulates many other growth factors. Also, TGF-β1 plays an important role in bone remodeling, controlling the immune system, and shows different activities on different types of cell, or cells at different developmental stages. Recombinant TGF-β1 protein was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 10mM Sodium Citrate (pH3.5) containing, 10% glycerol

分子量: 12.9 kDa (113aa), confirmed by MALDI-TOF.

序列:

MALDTNYCFSSTEKNCCVRQLYIDFRKDLGWKWIHEPKGYHANFCLGPCPYIWSLDTQYSKVLALYNQHNPGASAAPC
CVPQALEPLPIVYYVGRKPKVEQLSNMIVRSCKCS

纯度: > 95% by HPLC

浓度: 0.5 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 °C 保存 (1-2 周). 长期保存在 -20 °C 或者 -70 °C. 避免反复冻融.