



上海源叶生物科技有限公司
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重组人转化生长因子 β 1 (TGF β 1)

货号 S35424

产品介绍

Function

Multifunctional protein that controls proliferation, differentiation and other functions in many cell types. Many cells synthesize TGF β 1 and have specific receptors for it. It positively and negatively regulates many other growth factors. It plays an important role in bone remodeling as it is a potent stimulator of osteoblastic bone formation, causing chemotaxis, proliferation and differentiation in committed osteoblasts.

生物活性

1、Measured by its ability to inhibit the IL-4-dependent proliferation of TF-1 human erythroleukemic cells. The ED50 for this effect is 0.34 ng/mL in the presence of the 2.0 ng/mL Recombinant Mouse IL-4 Protein .

2、Measured by its ability to inhibit the IL-4-dependent proliferation of HT-2 mouse T cells. The ED50 for this effect is 35.9 ng/mL.

内毒素水平 <0.1 EU/ μ g

表达系统 HEK293

种属 人(Human)

氨基酸 30-390 aa (C33S)



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序列	HHHHHHHHLSTSKTIDMELVKRKRIEAI RGQILSKLRLASPP SQGEVPPGPLPEAVLALYNSTRDRVAGESAEPEPEPEADYY AKEVTRVLMVETHNEIYDKFKQSTHSIYMFFNTSELREAVP EPVLLSRAELRLLRLKLKVEQHVELYQKYSNNSWRYLSNR LLAPSDSPEWLSFDVTGVVRQWLSRGGEIEGFRLSAHCSCD SRDNTLQVDINGFTTGRRGDLATIHGMNRPFLLLMATPLER AQHLQSSRHRRALDTNYCFSSTEKNCCVRQLYIDFRKDLG WKWIHEPKGYHANFCLGPCPYIWSLDTQYSKVLALYNQH NPGASAAPCCVPQALEPLPIVYYVGRKPKVEQLSNMIVRSC KCS
纯度	≥95% (SDS-PAGE)
蛋白标签	N-8His
无载体	Yes
无动物源	Yes
来源	重组表达
预测分子量	42 kDa
SDS-PAGE	13 & 42 & 55 kDa, under reducing conditions; 26 & 84 & 110 kDa, under non-reducing conditions.
分子类型	蛋白质
储存条件	-20℃储存,避免反复冻融
储存缓冲液	Lyophilized from 10mM PBS, 5% Trehalose, 5% Mannitol, pH 7.4
复溶	Reconstitute in sterile water to a concentration of 0.1-0.5 mg/ml