

Recombinant Swine TGF beta 1 (Transforming growth factor beta 1)

编号: PY2922

规格: 5 µg
20 µg

类别: 重组蛋白

应用: Functional Assay

产品简介

描述: 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, including the control of cell growth, cell proliferation, cell differentiation, and apoptosis. In humans, TGF-β1 is encoded by the TGFB1 gene.

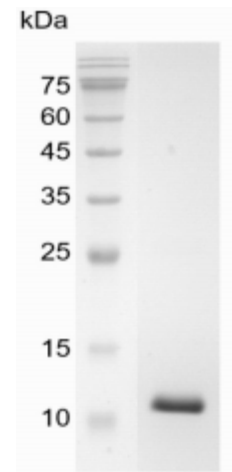
来源: *Escherichia coli*

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

生物学活性: Measure by its ability to inhibit IL-4-induced proliferation in HT-2 cells. The ED₅₀ for this effect is <0.1 ng/mL.

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

蛋白序列: MALDTNYCFSSTEKNCCVRQLYIDFR
KDLGWKWIHEPKGYHANFCLGPCPYI
WSLDTQYSKVLALYNQHNPASAAP
CCVPQALEPLPIVYVGRKPKVEQLSN
MIVRSCKCS with polyhistidine tag at the C-terminus



SDS-PAGE analysis of recombinant swine TGF beta 1

产品组成

成分: 从含有 20 mM sodium citrate, 0.2 M NaCl, pH 4.5 溶液中冻干的蛋白质.

产品储存运输

产品形式	储存温度	储存时间
冻干粉	-20°C至-80°C	自收到之日起1年
重悬液 (初始)	2°C至8°C	不超过1周
重悬液 (经稀释)	-20°C至-80°C	3到6个月

运输方式: 蓝冰

产品使用

1. 开盖前, 建议3000-3500 rpm离心5 min。
- 2、推荐使用无菌的10mM HCl溶液重悬冻干粉, 溶液浓度不低于100 μ g/mL, 不高于1 mg/mL, 并室温静置至少20min以充分溶解。勿涡旋剧烈振荡。
- 2、重悬后的溶液, 2-8°C无菌保存不超过1周。
- 3、如需长期保存, 推荐使用无菌的含载体蛋白 (如0.1% BSA、10% FBS或5% HSA) 的溶液进一步稀释 (不低于10 μ g/mL) 后分装保存, -20°C至 -80°C可无菌保存3到6个月。无血清实验需求时, 可更换为5%海藻糖溶液作为载体。避免反复冻融。

WB= Western Blot; IP= Immunoprecipitation; IF= Immunofluorescence; IHC= Immunohistochemistry;
FACS= Fluorescence activated Cell Sorting; FA= Functional Assay