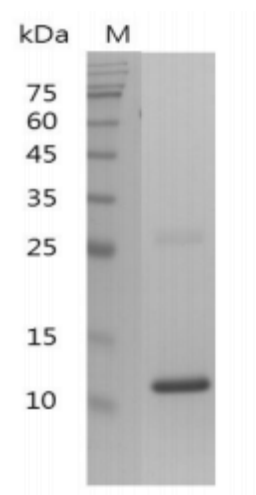


Recombinant Human TGF beta 1 (Transforming growth factor beta 1)

编号：	PY2270	规格：	5 µg 20 µg 100 µg 500 µg 1 mg
类别：	重组蛋白	应用：	Functional Assay

产品简介

描述：	Transforming growth factor beta 1 or TGF-β 1 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-β 1 is encoded by the TGFB1 gene.
来源：	<i>Escherichia coli</i>
纯度：	>98% as determined by SDS- PAGE. Ni- NTA chromatography.
生物学活性：	Measure by its ability to inhibit the IL-4 dependent proliferation in HT-2 cells. The ED ₅₀ for this effect is < 0.1 ng/mL. The specific activity of recombinant human TGF beta 1 is approximately >5 x 10 ⁷ IU/mg. Measure by its ability to induce proliferation in MCF-7 cells. The ED ₅₀ for this effect is < 3.2 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 KDLGWKWIHEPKGYHANFCLGPCPY IWSLDTQYSKVLALYNQHNP GASAA PCCVPQALEPLIVYYVGRKPKVEQLS NMIVRSCKCS with polyhistidine tag at the C-terminus



SDS- PAGE analysis of recombinant human 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

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

运输方式：蓝冰

产品使用

- 1、开盖前，建议3000-3500rpm离心5min。
- 2、推荐使用无菌的10mM HCl重悬冻干粉，溶液浓度不低于100 μg/mL，不高于1mg/mL，并室温静置至少20 min以充分溶解。勿涡旋剧烈振荡。
- 3、重悬后的溶液，2-8℃无菌保存不超过1周。
- 4、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10ug/mL）后分装保存，-20℃至 -80℃可无菌储存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