

CHAMOT

Recombinant Human TGF beta 2

CM089-5HP
CM089-20HP
CM089-100HP
CM089-500HP
CM089-1000HP



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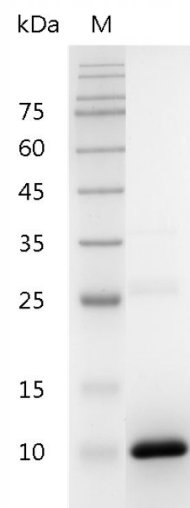
Recombinant Human TGF beta 2 (Transforming growth factor beta 2)

编号:	CM089-5HP CM089-20HP CM089-100HP CM089-500HP CM089-1000HP	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: TGF-β2 is a secreted protein known as a cytokine that performs many cellular functions and has a vital role during embryonic development. TGF-β2 signaling begins with binding to a complex of the accessory receptor betaglycan and a type II ser/thr kinase receptor termed TGF-beta RII. This receptor then phosphorylates and activates another ser/thr kinase receptor, TGF-beta RI, or alternatively, ALK-1. The whole complex phosphorylates and activates Smad proteins that regulate transcription (3, 11, 12). Use of other signaling pathways that are Smad-independent allows for disparate actions observed in response to TGF-beta in different contexts.

来源: *Escherichia coli*
纯度: >98% as determined by SDS- PAGE.
生物学活性: Measure by its ability to inhibit IL-4-induce proliferation in HT-2 cells. The ED₅₀ for this effect is < 0.2 ng/mL. The specific activity of recombinant human TGF beta 2 is > 5 x 10⁶ IU/mg.
内毒素检测: < 0.01 EU per 1 µg of the protein by the LAL method.



SDS- PAGE analysis of recombinant human TGF beta 2

蛋白序列: MALDAAYCFRNVQDNCCLRPLYIDF
KRD LGWKWIHEPKGYNANFCAGACP
YLWSSDTQH SRVLSLYNTINPEASASP
CCVSQDLEPLTILYYIGKTPKIEQLSNM
IVKSKCS with polyhistidine tag at
the C-terminus

产品组成

成分: 从含有 1X PBS, pH 8.0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3000-3500rpm离心5min。
- 2、推荐使用无菌的10mM HCl溶液重悬冻干粉，溶液浓度不低于100µg/mL，不高于1mg/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10ug/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