

CHAMOT

Recombinant Human TGF beta 3

CM168-5HP
CM168-20HP
CM168-100HP
CM168-500HP
CM168-1000HP



CHAMOT

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Recombinant Human TGF beta 3 (Transforming growth factor beta 3)

编号:	CM168-5HP CM168-20HP CM168-100HP CM168-500HP CM168-1000HP	规格:	5 µg 20 µg 100 µg 500 µg 1 mg
类别:	重组蛋白	应用:	Functional Assay

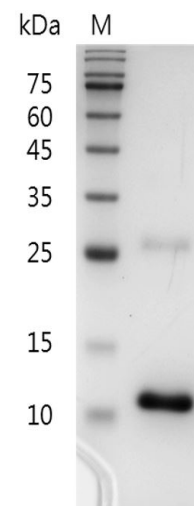
产品简介

描述: Transforming growth factor-beta 3 (TGF- 3), also named TGFB3, is a member of the TGF beta family of growth factors together with TGF- 1 and -2. TGFB3 is produced as a complex with LAP. This latent form of TGFB3 can be stimulated upon cleavage by plasmin, matrix metalloproteases, thrombospondin -1, and a subset of integrins. It binds with high affinity to TGF- RII, a type II serine/threonine kinase receptor. TGFB3 take part in the process such as cell differentiation, embryogenesis and development. In addition, it is found to regulate molecular elements involved in cellular adhesion and extracellular matrix (ECM) formation during the process of palate development.

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-induce proliferation in HT-2 cells. The ED₅₀ for this effect is < 50 pg/mL. The specific activity of recombinant human TGF beta 3 is > 2 x 10⁷ IU/mg.



SDS-PAGE analysis of recombinant human TGF beta 3

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

蛋白序列: MALDTNYCFRNLEENCCVRPLYIDFR
 QDLGWKWWHEPKGYANFCSGPCP
 YLRSADTTHSTVLGLYNTLNPEASASP
 CCVPQDLEPLTILYYVGRTPKVEQLSN
 MVVKSCCKCS with polyhistidine tag at the C-terminus

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3000-3500rpm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。
- 3、重悬后的溶液，2 -8°C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°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