

CHAMOT

Recombinant Human/Mouse/Rat Activin A, Tag Free

CM118-5HP

CM118-20HP

CM118-100HP

CM118-1000HP



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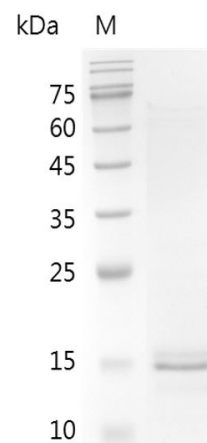
Recombinant Human/Mouse/Rat Activin A, Tag Free

编号:	CM118-5HP CM118-20HP CM118-100HP CM118-500HP CM118-1000HP	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: Activin is the member of the TGF beta superfamily of cytokines. The current understanding of Activin A is classified as a hormone, a Growth Factors, and a cytokine. Depending on the different cell type, that overexpression of Activin A can either inhibit or promote cells division. There are important implications for tumor biology. Activin A also increase joint inflammation in rheumatoid arthritis (RA) and induces pathogenic mechanisms in the respiratory system.

来源: *Escherichia coli*
纯度: >95% as determined by SDS-PAGE.
生物学活性: Measure by its ability to inhibit the proliferation of mouse MPC-11 cells. The ED₅₀ for this effect is <10 ng/mL. The specific activity of recombinant human Activin A is approximately >1.0 x 10³ IU/mg.



SDS- PAGE analysis of recombinant H/M/R Activin A, tag free

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

蛋白序列: GLECDGKVNICCKKQFFVSFKDIGW
 NDWIIAPSGYHANYCEGECPSHIAGT
 SGSSLSFHSTVINHYRMRGHSPFANL
 KSCCVPTKLRPMSMLYYDDGQNIKK
 DIQNMIVEECGCS

产品组成

成分: 从含有 50 mM Tris, 500 mM NaCl, pH 8.5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、推荐使用无菌水重悬冻干粉，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