

CHAMOT

**Recombinant Activin A, Human, GMP, Tag
Free**

CM118-100HPG
CM118-1000HPG



CHAMOT

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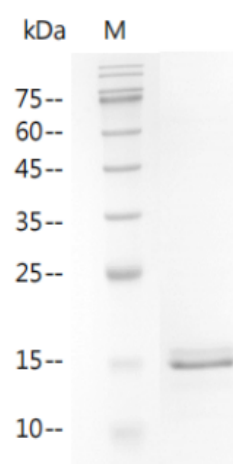
规格: 100 µg
1 mg

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 factor, 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*.
Animal-free reagent and laboratory.
Manufactured and tested under GMP guideline.

SDS-PAGE analysis of recombinant Activin
A , Human, GMP, Tag Free

纯度: >97% as determined by SDS-PAGE analysis.

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.

内毒素检测: <0.05 EU per 1 µg of the protein by the LAL method.

支原体检测: Not detected

蛋白序列: MGLECDGKVNICKKKQFFVSFKDIGWNDWIIA
PSGYHANYCEGECPSHIAGTSGSSLSFHSTVIN
HYRMRGHSPFANLKSCCVPTKLRPMSMLYYD
DGQNIKKDQNMIVVECGCS

产品组成

成分： 从含有 1X PBS, pH 7.4溶液中冻干的蛋白质,
无任何动物源性成分.

产品储存

储存： -20℃冻干粉保存 1 年.
运输： 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。

产品规范

CHAMOT GMP recombinant proteins are manufactured in ISO 13485:2016 and GMP certified facility.
The processes include:

- ★Testing and traceability of raw material
- ★Records of the maintenance and equipment calibration
- ★Personnel training records
- ★Batch-to-batch consistency
- ★Documentation of QA control and process changes
- ★Manufactured and tested under an ISO 13485:2016 certified quality management system
- ★Stability monitor of product shelf-life

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

CHAMOT Biotechnology (Shanghai) Co., Ltd.

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