

CHAMOT

Recombinant Human BMP-10

CM072-5HP
CM072-20HP
CM072-100HP
CM072-500HP
CM072-1000HP



CHAMOT

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Recombinant Human BMP-10 (Bone morphogenetic protein-10)

编号:	CM072-5HP CM072-20HP CM072-100HP CM072-500HP CM072-1000HP	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: BMP-10 is a polypeptide belonging to the TGF-β superfamily of proteins. It is a novel protein that, unlike most other BMP's, is likely to be involved in the trabeculation of the heart. BMP-10 is categorized as a BMP since it shares large sequence homology with other BMP's in the TGF-β superfamily.

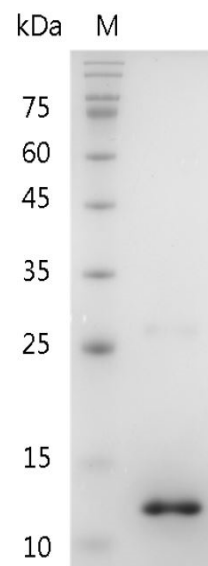
来源: *Escherichia coli*

纯度: >98% as determined by SDS-PAGE. Ni-NTA chromatography.

生物学活性: Measure by its ability to induce alkaline phosphatase production by ATDC5 cells. The ED₅₀ for this effect is 1.7-2.1 ng/mL.

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

蛋白序列: MNAKGNKYCKRTPLYIDFKEIGWDSWI
IAPPGYEAYECRGVCNYPLAEHLTPK
HAIQALVHLKNSQKASKACCVPTKLE
PISILYLDKGVVITYKFYEGMAVSECG
CR with polyhistidine tag at the C-terminus



SDS-PAGE analysis of recombinant human BMP-10

产品组成

成分: 从含有 20 mM sodium citrate, 0.2 M NaCl, pH 3.5 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℃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。

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