

CHAMOT

Recombinant Human BMP- 8 a

CM069-5HP
CM069-20HP
CM069-100HP
CM069-500HP
CM069-1000HP



CHAMOT

喬默生物技術(上海)有限公司
CHAMOT BIOTECHNOLOGY CO., LTD.

CONTENT

1 产品简介

2 产品组成

3 产品储存

4 产品使用

Recombinant Human BMP-8a (Bone morphogenetic protein-8a)

编号:	CM069-5HP	规格:	5 µg
	CM069-20HP		20 µg
	CM069-100HP		100 µg
	CM069-500HP		500 µg
	CM069-1000HP		1 mg
类别:	重组蛋白	应用:	Functional Assay

产品简介

描述: Bone morphogenetic protein 8A (BMP8A) is a polypeptide member of the TGFβ superfamily of proteins. Like other BMPs, BMP8A is involved in the development of bone and cartilage. BMP8A may be involved in epithelial osteogenesis. It also plays a role in bone homeostasis. Human BMP - 8a is synthesized as a large precursor protein that is cleaved at a dibasic cleavage site (RTPR) between aa residues 263 and 264 to release a 139 aa carboxy - terminal domain.

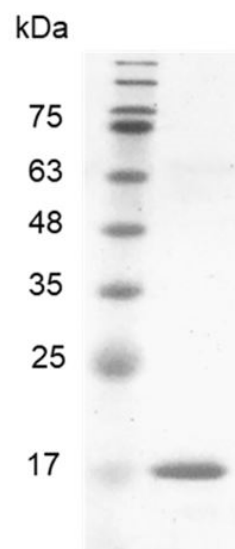
来源: *Escherichia coli*

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 10-19.4 ng/mL.

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

蛋白序列: MAVRPLRRRQPKKSNELPQANRLPGI
FDDVHGSHGRQVCRRHELYVSFQDL
GWLWDVIA PQGYSAYYCEGCSFPLD
SCMNATNHAILQSLVHLMKPNVAPK
ACCAPTKLSATSVLYYDSSNNVILRKH
RNMVVKACGCH with polyhistidine tag at the C-terminus



SDS-PAGE analysis of recombinant human BMP-8a

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℃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