

# CHAMOT

## Recombinant Human BMP-8 b

CM070-5HP  
CM070-20HP  
CM070-100HP  
CM070-500HP  
CM070-1000HP



CHAMOT

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## Recombinant Human BMP-8b (Bone morphogenetic protein-8b)

编号:	CM070-5HP CM070-20HP CM070-100HP CM070-500HP CM070-1000HP	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:** Bone morphogenetic protein 8B is a protein that in humans is encoded by the BMP8B gene. The protein encoded by this gene is a member of the TGF- superfamily. It has close sequence homology to BMP7 and BMP5 and is believed to play a role in bone and cartilage development. BMP-8b, in contrast, is required for both the initiation and maintenance of spermatogenesis.

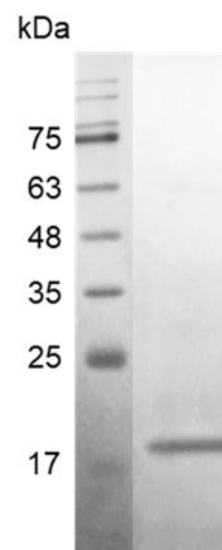
**来源:** *Escherichia coli*

**纯度:** >98% as determined by SDS-PAGE.

**生物学活性:** Measure by its ability to induce alkaline phosphatase production by ATDC5 cells. The ED<sub>50</sub> for this effect is < 21.8 ng/mL.

**内毒素检测:** < 0.01 EU per 1 µg of the protein by the LAL method.

**蛋白序列:** AVRPLRRRQPKKSNELPQANRLPGIF  
 DDVHGSHGRQVCRRHELYVSFQDLG  
 WLDWVIAPQGYSAYYCEGCSFPLDS  
 CMNATNHAILQSLVHLMMPDAVPK  
 ACCAPTCLSATSVLYYDSSNNVILRKH  
 RNMVVKACGCH with polyhistidine tag at the N-terminus



SDS-PAGE analysis of recombinant human BMP-8b

## 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、推荐使用无菌水重悬冻干粉，溶液浓度不低于100 $\mu$ g/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10 $\mu$ g/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