

CHAMOT

Recombinant Human BMP-3

CM064-5HP
CM064-20HP
CM064-100HP
CM064-500HP
CM064-1000HP



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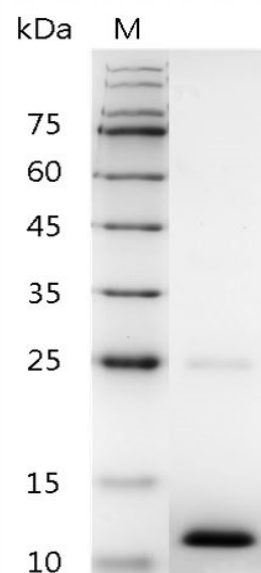
Recombinant Human BMP-3 (Bone morphogenetic protein-3)

编号:	CM064-5HP CM064-20HP CM064-100HP CM064-500HP CM064-1000HP	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 3, also known as osteogenic, is a protein in humans that is encoded by the BMP3 gene. The protein encoded by this gene is a member of the transforming growth factor-beta superfamily. It, like other bone morphogenetic proteins (BMP's), is known for its ability to induce bone and cartilage development. It is a disulfide-linked homodimer. It negatively regulates bone density. BMP3 is an antagonist to other BMP's in the differentiation of osteogenic progenitors. It is highly expressed in fractured tissues.

来源: *Escherichia coli*
纯度: >95% as determined by SDS-PAGE.
生物学活性: Measure by its ability to inhibit BMP-2-induced alkaline phosphatase production by ATDC5 cells. The ED₅₀ for this effect is < 10 µg/mL.
内毒素检测: < 0.1 EU per 1 µg of the protein by the LAL method.
蛋白序列: MQWIEPRNCARRYLKVDFA DIGWSE
 WIISPKSFDAYYCSGACQFPMPKSLKP
 SNHATIQSIVRAVGVP GIPEPCCVPE
 KMSSLSILFFDENKNVVLKVYPNMTV
 ESCACR with polyhistidine tag at the C-terminus



SDS-PAGE analysis of recombinant human BMP-3

产品组成

成分： 从含有 1×PBS, pH 8.0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