

CHAMOT

Recombinant Human FGF-23

CM112-5HP
CM112-20HP
CM112-100HP
CM112-500HP
CM112-1000HP



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 FGF-23(Fibroblast growth factor-23)

编号:	CM112-5HP CM112-20HP CM112-100HP CM112-500HP CM112-1000HP	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

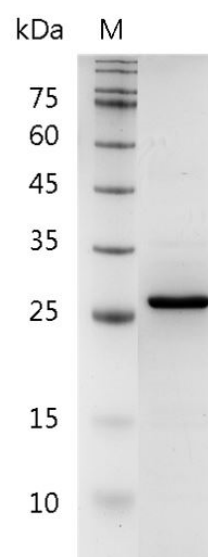
描述: FGF-23 is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. FGF-23 is most highly expressed in bone, from which it circulates through the blood to regulate vitamin D and phosphate metabolism in kidney.

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 proliferation in BaF3 cells transfected with human FGFR3c. The ED₅₀ for this effect is < 0.3 µg/mL.

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

蛋白序列: MYPNASPLLGSWGGLIHLYTATARN
SYHLQIHKNHVDGAPHQTIYSALMI
RSEDAGFVVITGVMSRRYLCMDFRG
NIFGSHYFDPENCRFQHQTLNGYDV
YHSPQYHFLVSLGRAKRAFLPGMNPP
PYSQFLSRRNEIPLIHFNTPIPRRHTRS
AEDDSERDPLNVLKPRARMTPAPASC



SDS-PAGE analysis of recombinant human FGF-23

SQELPSAEDNSPMASDPLGVVRGGR
 VNTHAGGTGPEGCRPFAKFI with
 polyhistidine tag at the C-terminus

产品组成

成分： 从含有 1X 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℃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