

CHAMOT

Recombinant Human FGF-8 b

CM097-5HP
CM097-20HP
CM097-100HP
CM097-500HP
CM097-1000HP



CHAMOT

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Recombinant Human FGF-8b (Fibroblast growth factor-8b)

编号:	CM097-5HP CM097-20HP CM097-100HP CM097-500HP CM097-1000HP	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

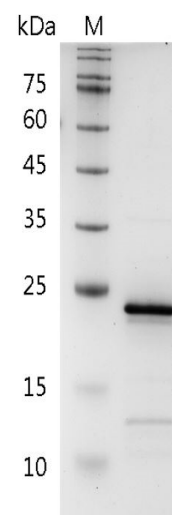
描述: FGF-8b is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. FGF-8 shows limited expression in the normal adult, but low levels are found in the reproductive and genitourinary tract, peripheral leukocytes and bone marrow hematopoietic cells. FGF-8b is one of the isoforms of FGF-8, and is involved in many biological processes including angiogenesis.

来源: *Escherichia coli*
纯度: >95% as determined by SDS-PAGE.

生物学活性: Ni-NTA chromatography.
Measure by its ability to induce 3T3 cells proliferation. The ED₅₀ for this effect is 1.4-3.8 ng/mL. The specific activity of recombinant human FGF-8b is > 2 x 10⁵ IU/mg.

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

蛋白序列: MQHVREQSLVTDQLSRRLIRTYQLYS
RTSGKHVQVLANKRINAMAEDGDPF
AKLIVETDTFGSRVRVRGAETGLYICM



SDS-PAGE analysis of recombinant human FGF-8b

NKKGKLIAKSNGKGKDCVFTEIVLEN
 NYTALQNAKYEGWYMAFTRKGRPR
 KGSKTRQHGREVHFMKRLPRGHHTT
 EQSLRFEFLNYPPFTRSLRGSQRTWA
 PEPR 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