

Recombinant Human BMP-6 (Bone morphogenetic protein- 6)

编号:	PY2119	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

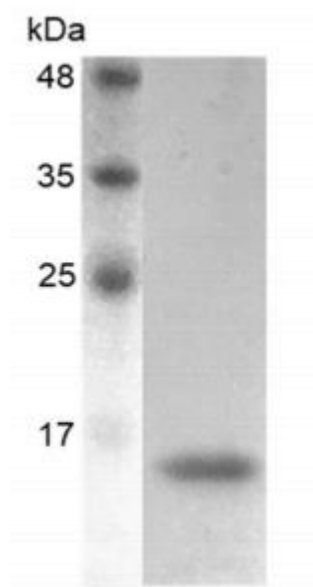
描述: Bone morphogenetic protein 6 is a member of the TGFβ superfamily. BMP6 is able to induce all osteogenic markers in mesenchymal stem cells. The bone morphogenetic proteins (BMPs) are a family of secreted signaling molecules that can induce ectopic bone growth. BMPs are part of the transforming growth factor-beta (TGFB) superfamily. BMPs were originally identified by an ability of demineralized bone extract to induce endochondral osteogenesis in vivo in an extraskeletal site.

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 < 87 ng/mL.

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

蛋白序列: MVSSASDYNSELKTACRKHELYVSF
QDLGWQDWIIAPKGYAANYCDGEC
FPLNAHMNATNHAIVQTLVHLMNPE
YVPKPCCAPTKLNAISVLYFDDNSNVI
LKKYRNMVVRACGCH with
polyhistidine tag at the C-terminus



SDS- PAGE analysis of recombinant human BMP- 6

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℃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5 min。
- 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