

# Recombinant human BMP3 protein ab97412

## 1 References

### 描述

产品名称	重组人BMP3蛋白
生物活性	Determined by its ability to inhibit BMP-2-induced alkaline phosphatase production by ATDC-5 cells.
纯度	> 95 % SDS-PAGE. Purity is greater than 95% by SDS-PAGE gel and HPLC analyses.
内毒素水平	< 0.100 Eu/μg
表达系统	HEK 293 cells
Accession	<b><u>P12645</u></b>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MQWIEPRNCA RRYLKVDFAD IGWSEWIISP KSFDAYYCSG ACQFPMPSL KPSNHATIQS IVRAVGVPVPG IPEPCCVPEK MSSLSILFFD ENKNVVLKVY PNMTVESCAC R
预测分子量	13 kDa
氨基酸	363 to 472

### 技术指标

Our **Abpromise guarantee** covers the use of **ab97412** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Functional Studies SDS-PAGE HPLC
形式	Lyophilized
补充说明	Determined by its ability to inhibit BMP-2-induced alkaline phosphatase production by ATDC-5 cells. Determined by its ability to inhibit BMP-2-induced alkaline phosphatase production by ATDC-5 cells.

## 制备和贮存

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### 稳定性和存储

Shipped at 4°C. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

This product is an active protein and may elicit a biological response in vivo, handle with caution.

### 复溶

The lyophilized protein is stable at room temperature for up to 1 month. Working aliquots stored with a carrier protein are stable for at least 3 months at -20°C to -80°C.

## 常规信息

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### 功能

Negatively regulates bone density. Antagonizes the ability of certain osteogenic BMPs to induce osteoprogenitor differentiation and ossification.

### 组织特异性

Expressed in adult and fetal cartilage.

### 序列相似性

Belongs to the TGF-beta family.

### 细胞定位

Secreted.

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**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

## Our Abpromise to you: Quality guaranteed and expert technical support

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
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If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

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