

# Recombinant human BMP2 protein (Active) ab50099

## 2 References

描述	
产品名称	重组人BMP2蛋白(Active)
生物活性	Determined by its ability to induce alkaline phosphatase production by ATDC-5 cells. The expected <b>ED</b> <sub>50</sub> for this effect is 0.5-1.0 µg/ml.
纯度	> 98 % SDS-PAGE. >98% by HPLC analyses.
表达系统	Escherichia coli
Accession	<b><u>P12643</u></b>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MQAKHKQRKR LKSSCKRHPL YVDFSDVGWN DWIVAPPGYH AFYCHGECPF PLADHLNSTN HAIVQTLVNS VNSKIPKACC VPTELSAISM LYLDENEKVV LKNYQDMVVE GCGCR
预测分子量	26 kDa
氨基酸	283 to 396
额外的序列信息	Homodimeric protein consisting of two 115 amino acid polypeptide chains. Full length mature protein, minus the signal peptide and the propeptide.

技术指标	
Our <b><u>Abpromise guarantee</u></b> covers the use of <b>ab50099</b> in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
应用	HPLC Cellular Activation SDS-PAGE
形式	Lyophilized
制备和贮存	

<b>稳定性和存储</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
	This product is an active protein and may elicit a biological response in vivo, handle with caution.
<b>复溶</b>	Centrifuge the vial prior to opening. Reconstitute in water containing BSA (50ug of BSA per 1ug of protein) to a concentration of 0.1-1.0 mg/ml. This solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or -20°C for future use.
<b>常规信息</b>	
<b>功能</b>	Induces cartilage and bone formation.
<b>组织特异性</b>	Particularly abundant in lung, spleen and colon and in low but significant levels in heart, brain, placenta, liver, skeletal muscle, kidney, pancreas, prostate, ovary and small intestine.
<b>序列相似性</b>	Belongs to the TGF-beta family.
<b>细胞定位</b>	Secreted.

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

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