

### Recombinant Human BMP5 protein ab87627

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#### Description

<b>Product name</b>	Recombinant Human BMP5 protein
<b>Purity</b>	> 95 % SDS-PAGE. ab87627 is purified by conventional chromatography, after refolding of the isolated inclusion bodies in a renaturation buffer. Endotoxin: < 1.0 EU per 1 µg of protein (determined by LAL method).
<b>Expression system</b>	Escherichia coli
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Sequence</b>	MAANKRKNQN RNKSSSHQDS SRMSSVGDYN TSEQKQACKK HELYVSFRDL GWQDWIAP GYAAFYCDGE CSFPLNAHMN ATNHAIQTL VHLMFPDHVP KPCCAPTKLN AISVLYFDDS SNVILKKYRN MVRSCGCH

#### Specifications

Our **Abpromise guarantee** covers the use of **ab87627** in the following tested applications.

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

<b>Applications</b>	SDS-PAGE Western blot
<b>Form</b>	Liquid

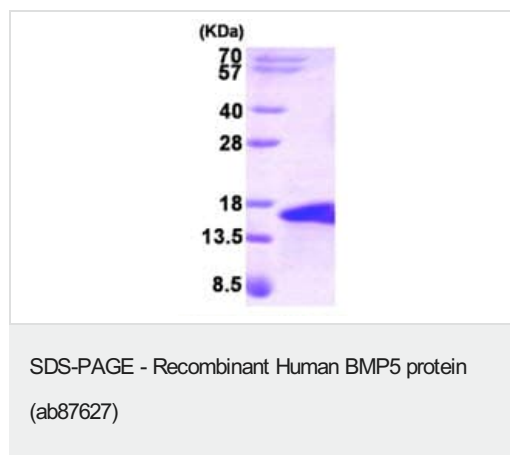
#### Preparation and Storage

<b>Stability and Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. pH: 3.50 Constituents: 0.294% Sodium citrate, 10% Glycerol (glycerin, glycerine)
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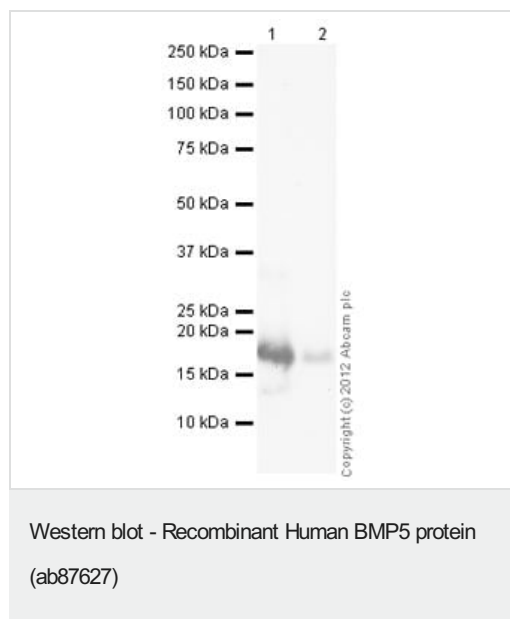
## General Info

<b>Function</b>	Induces cartilage and bone formation.
<b>Tissue specificity</b>	Expressed in the lung and liver.
<b>Sequence similarities</b>	Belongs to the TGF-beta family.
<b>Cellular localization</b>	Secreted.

## Images



15% SDS-PAGE showing ab87627 at approximately 15.7kDa (3µg).



**All lanes :** Anti-BMP5 antibody ([ab93852](#)) at 1 µg/ml

**Lane 1 :** Recombinant Human BMP5 protein (ab87627) at 0.1 µg

**Lane 2 :** Recombinant Human BMP5 protein (ab87627) at 0.01 µg

### Secondary

**All lanes :** Goat Anti-Rabbit IgG H&L (HRP) preadsorbed ([ab97080](#)) at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

**Exposure time:** 1 minute

**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

- 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
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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.com/abpromise> or contact our technical team.

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