

BMP-4, human recombinant protein
BMP4, ZYME, BMP2B, BMP2B1
Catalog # PBV10317r**Specification**

BMP-4, human recombinant protein - Product info

Primary Accession [P12644](#)
Calculated MW **13.0 kDa KDa**

BMP-4, human recombinant protein - Additional Info

Gene ID	652
Gene Symbol	BMP 4
Other Names	
BMP4, ZYME, BMP2B, BMP2B1	
Gene Source	Human
Source	E. coli
Assay&Purity	SDS-PAGE; ≥98%
Assay2&Purity2	HPLC; ≥98%
Recombinant	Yes
Results	2-12 µg/ml
Target/Specificity	
BMP-4	

Application Notes

Reconstitute to a concentration of 0.1-1.0 mg/ml in sterile 20 mM acetic acid. This solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or -20°C for future use.

Format

Lyophilized protein

Storage

-20°C; Sterile filtered and lyophilized powder

BMP-4, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

BMP-4, human recombinant protein - Images

BMP-4, human recombinant protein - Background

BMPs (bone morphogenetic proteins) belong to the TGF- β superfamily of structurally related signaling proteins. As implied by their name, BMPs promote and regulate bone development, growth, remodeling and repair, in both prenatal development and postnatal growth of eye, heart, kidney, skin, and other tissues. Recombinant human BMP-4 produced from E. coli is a 13 kDa monomeric, non-glycosylated, polypeptide chain containing 116 amino acid residues.