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BMP-5, human recombinant protein

Bone morphogenetic protein 5, BMP-5, BMP5, MGC34244
Catalog # PBV10314r

Specification

BMP-5, human recombinant protein - Product info

Primary Accession	P22003
Calculated MW	**31.0 kDa KDa**

BMP-5, human recombinant protein - Additional Info

Gene ID	**653**
Gene Symbol	**BMP5**

Other Names
Bone morphogenetic protein 5, BMP-5, BMP5, MGC34244

Gene Source	**Human**
Source	**E. coli**
Assay&Purity	**SDS-PAGE; ≥98%**
Assay2&Purity2	**HPLC; ≥98%**
Recombinant	**Yes**
Results	**0.3-3 µg/ml**

Target/Specificity
BMP-5

Application Notes
Reconstitute to a concentration of 0.1-1.0 mg/ml in H_2O containing BSA (50 ug BSA per 1 ug of protein). This solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or –20° for future use.

Format
Lyophilized protein

Storage
-20°C; Sterile filtered and lyophilized with no additives

BMP-5, 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 Cytomety
- Cell Culture

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BMP-5, human recombinant protein - Images

BMP-5, human recombinant protein - Background

BMPs (bone morphogenetic proteins) belong to the TGF-βsuperfamily 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. Human BMP-5 is a 31 kDa homodimeric protein consisting of two 134 amino acid polypeptide chains.