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BMP-7, human recombinant protein
Osteogenic Protein 1, BMP-7
Catalog # PBV10318r

Specification

BMP-7, human recombinant protein - Product info

Primary Accession	P18075
Calculated MW	**15.7 kDa KDa**

BMP-7, human recombinant protein - Additional Info

Gene ID	**655**
Gene Symbol	**BMP 7**
Other Names	
Osteogenic Protein 1, BMP-7	
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-7	

Application Notes
Reconstitute to a concentration of 0.1-1.0 mg/ml in H_2O. 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 with no additives

BMP-7, 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

BMP-7, human recombinant protein - Images

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BMP-7, 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-7 produced from E. coli is a 15.7 kDa monomeric, non-glycosylated, polypeptide chain containing 139 amino acid residues.