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BMP-6, human recombinant protein
VGR, VGR1, BMP-6
Catalog # PBV10482r

Specification

BMP-6, human recombinant protein - Product info

Primary Accession	P22004
Calculated MW	**monomer (15 kDa), dimer (30 kDa) KDa**

BMP-6, human recombinant protein - Additional Info

Gene ID	**654**
Gene Symbol	**BMP6**

Other Names
VGR, VGR1, BMP-6, VG-1-related protein

Gene Source	**Human**
Source	**E. coli**
Assay&Purity	**SDS-PAGE; ≥98%**
Assay2&Purity2	**HPLC; ≥98%**
Recombinant	**Yes**
Results	**2-12 µg/ml**

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 with no additives

BMP-6, 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-6, human recombinant protein - Images

BMP-6, human recombinant protein - Background

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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-6 produced from E. coli contains a mixture of monomer (15 kDa), dimer (30 kDa), and multimers. The dimer is an active polypeptide chain containing 2X142 amino acid residues.