

BMP-13, human recombinant protein
bone morphogenetic protein 13, GDF-6, Cartilage-Derived Morphogenetic Protein-2,
CDMP-2
Catalog # PBV10339r

Specification

BMP-13, human recombinant protein - Product info

Primary Accession [Q6KF10](#)
Calculated MW **27 kDa KDa**

BMP-13, human recombinant protein - Additional Info

Gene ID	392255
Gene Symbol	GDF6
Other Names	
bone morphogenetic protein 13, GDF-6, Cartilage-Derived Morphogenetic Protein-2, CDMP-2	
Gene Source	Human
Source	E. coli
Assay&Purity	SDS-PAGE; ≥95%
Assay2&Purity2	HPLC;
Recombinant	Yes
Results	2-3 µg/ml
Target/Specificity	
BMP-13	

Application Notes

Reconstitute to 0.1-1.0 mg/ml in H₂O containing BSA (50 µg BSA per 1 µg of protein).

Format

Lyophilized protein

Storage

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

BMP-13, 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-13, human recombinant protein - Images

BMP-13, human recombinant protein - Background

BMPs (bone morphogenetic proteins) belong to the TGF- β superfamily of structurally related signaling proteins. These ligands mediate numerous physiological processes. BMPs initiate, promote and maintain cartilage and bone development, growth, remodeling and repair, in both prenatal development and postnatal growth of eye, heart, kidney, skin, and other tissues. Expression of BMP-13 has been found in the hypertrophic chondrocytes of ossifying long bone centers. BioVision's recombinant human BMP-13/CDMP-2 is a 27 kDa homodimeric disulfide-linked protein consisting of two 120 amino acids polypeptide chains.

BMP-13, human recombinant protein - References

Guo J.H., et al. Submitted (JAN-2003) to the EMBL/GenBank/DDBJ databases.
Tassabehji M., et al. Hum. Mutat. 29:1017-1027(2008).
Asai-Coakwell M., et al. Hum. Mol. Genet. 22:1432-1442(2013).
Asai-Coakwell M., et al. Hum. Mol. Genet. 18:1110-1121(2009).
Ye M., et al. Hum. Mol. Genet. 19:287-298(2010).