

Human CellExp BMP-2, Human recombinant protein
Human Cellexp Human Recombinant BMP-2
Catalog # PBV10676r**Specification**

Human CellExp BMP-2, Human recombinant protein - Product info

Primary Accession	P12643
Calculated MW	30 to 38 kDa, homodimer, glycosylated. KDa

Human CellExp BMP-2, Human recombinant protein - Additional Info

Gene ID	650
Gene Symbol	BMP2
Other Names	
BMP-2, BMP2A	
Gene Source	Human
Source	Human 293 cell expressed
Assay&Purity	SDS-PAGE; ≥95%
Assay2&Purity2	N/A;
Recombinant	Yes
Results	20 to 100 ng/ml

Application Notes

Reconstitute in sterile PBS containing 0.1% endotoxin-free, recombinant human serum albumin.

Format

Lyophilized

Storage

-80°C; Lyophilized from a solution of 50 mM sodium acetate, pH 4.5, with 50 mM NaCl.

Human CellExp BMP-2, 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](#)

Human CellExp BMP-2, Human recombinant protein - Images**Human CellExp BMP-2, Human recombinant protein - Background**

BMP2 belongs to the transforming growth factor-beta (TGF β) superfamily. 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. In addition to its osteogenic activity, BMP-2 also plays an important role in cardiac morphogenesis. BMP-2 is expressed in a variety of tissues such as lung, spleen, brain, liver, prostate ovary, and small intestine. BMP2 is a candidate gene for the autosomal dominant disease of fibrodysplasia (myositis) ossificans progressiva. BioVision's BMP-2 is produced in a serum-free, chemically defined media. Production in human 293 cells offers authentic glycosylation, contributing to stability in cell growth media and other applications.

Human CellExp BMP-2, Human recombinant protein - References

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Deloukas P.,et al.Nature 414:865-871(2001).
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