

BMP-11, human recombinant protein
bone morphogenetic protein 11, BMP11, BMP 11, Growth/Differentiation Factor-11,
GDF-11, GDF11, GDF 1
Catalog # PBV10315r

Specification

BMP-11, human recombinant protein - Product info

Primary Accession [O95390](#)
Calculated MW **32.6 kDa KDa**

BMP-11, human recombinant protein - Additional Info

Gene ID **10220**
Gene Symbol **BMP11/GDF11**
Other Names
bone morphogenetic protein 11, BMP11, BMP 11, Growth/Differentiation Factor-11, GDF-11,
GDF11, GDF 11

Gene Source **Human**
Source **E. coli**
Assay&Purity **SDS-PAGE; ≥98%**
Assay2&Purity2 **HPLC; ≥98%**
Recombinant **Yes**
Results **0.4-4 µg/ml**
Target/Specificity
BMP-11

Application Notes

Reconstitute to a concentration of 0.1-1.0 mg/ml in H₂O containing BSA (50 µg BSA per 1 µg of protein). This solution can then be diluted into other aqueous buffers.

Format

Lyophilized protein

Storage

-20°C; Lyophilized from 10 mM Sodium Citrate, pH 3.5.

BMP-11, 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-11, human recombinant protein - Images**BMP-11, 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-11 is N-terminus His-tagged protein with a molecular weight of 32.6 kDa (for homodimeric) and 16.2 (for monomeric) consisting of 136 amino acid polypeptide chains.

BMP-11, human recombinant protein - References

Gamer L.W., et al. Dev. Biol. 208:222-232(1999).
McPherron A.C., et al. Nat. Genet. 22:260-264(1999).