

## 32-18017: Recombinant Human/Mouse/Rat BMP-2 Protein

**Uniprot ID :** P12643

**Alternative Name :** Bone Morphogenetic Protein 2; BMP-2; Bone Morphogenetic Protein 2A; BMP-2A; BMP2; BMP2A

### Description

Molecular weight: 13.3 KDa

Description: Recombinant Human/Mouse/Rat Bone Morphogenetic Protein 2 is produced by our E.coli expression system and the target gene encoding Gln283-Arg396 is expressed.

Bone Morphogenetic Protein-2 (BMP-2) is one of the bone-growth regulatory factors that belong to the transforming growth factor-beta (TGF-beta) superfamily of proteins. BMPs are synthesized as large precursor molecules, which are cleaved by proteolytic enzymes. The active form of BMP-2 can consist of a dimer of two identical proteins or a heterodimer of two related bone morphogenetic proteins.

### Product Info

**Amount :** 50 µg

**Content :** Lyophilized from a 0.2 µm filtered solution of 10mM HAc-NH<sub>4</sub>Ac, 4% D-Mannitol, pH 4.0.

**Storage condition :** Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).  
Lyophilized proteins are shipped at ambient temperature.