

## Pro BMP 2 Human

**Description:** Pro Bone Morphogenetic Protein -2 Human Recombinant is the precursor of BMP-2 which has 3 intramolecular cysteine bridges is a homodimer, non-glycosylated, polypeptide chain containing 377 amino acids and having a molecular mass of 85,476 Dalton. Pro Bone Morphogenetic Protein 2 is purified by proprietary chromatographic techniques.

**Catalog #:** CYPs-434

For research use only.

**Synonyms:** ProBMP-2.

**Source:** Escherichia Coli.

**Physical Appearance:** Sterile Filtered White lyophilized (freeze-dried) powder.

**Purity:** Greater than 98.0% as determined by (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.

**Formulation:**

The Pro Bone Morphogenetic Protein -2 Human Recombinant was lyophilized in 0.1M K-HEPES pH 7.0 / Mannite.

**Stability:**

Lyophilized Pro Bone Morphogenetic Protein -2 Human Recombinant although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Pro Bone Morphogenetic Protein -2 Human Recombinant should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. They may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Solubility:**

It is recommended to reconstitute the lyophilized Pro Bone Morphogenetic Protein -2 Human Recombinant in sterile 18M-cm H<sub>2</sub>O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

**Biological Activity:**

The ProBMP-2 Human Recombinant administration leads to ectopic bone formation in rats (Hillger et al., 2005).

**To place an order, please [Click HERE](#).**