

**BMP-2, 283-396aa, Human, E.coli**

**Cat.NO.: TP01349**

3th Edition

**Synonyms:**Bone morphogenetic protein 2, BMP-2A

**Description:**BMP-2 (Bone morphogenetic protein 2) is multi-functional growth factor that belongs to the transforming growth factor beta (TGF beta) superfamily. It plays an important role in embryonic dorsal-ventral patterning, organogenesis, limb bud formation, and bone formation and regeneration.

**Form:**Liquid. In 10 mM Sodium acetate (pH 3.5)

**Molecular Weight:**13.0 kDa(115aa)

**Sequences:**

MQAKHKQRKRLKSSCKRHPLYVDFSDVGWNDWIVAPPGYHAFYCHGECPPFLADHLNSTNHAIVQTLVNSVNSKI  
PKACCVPTELSAISMLYLDENEKVVVLKKNYQDMVVEGCGCR

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.