

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
PKACCVPTELSAISMLYLDENEKVVVLKNYQDMVVEGCGCR

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.