

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

Cat.NO.: TP01350

3th Edition

Synonyms:Bone morphogenetic Protein 2, BMP-2A.

Description:BMP-2 (Bone morphogenetic protein 2) is multi-functional growth factors that belong 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 Citrate (pH 3.5) containing 10% glycerol

Molecular Weight:13 kDa (115aa), confirmed by MALDI-TOF

Sequences:

MQAKHKQRKRLKSSCKRHPLYVDFSDVGWNDWIVAPPGYHAFYCHGECPPFLADHLNSTNHAIVQTLVNSVNSKI
PKACCVPTELSAISMLYLDENEKVVVLKNYQDMVVEGCGCR

Purity:> 95% by HPLC

Concentration:0.5 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.