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BMP- 4, 293-408aa, Human, Recombinant, E.coli

产品货号: TP01348

第三版

别名: Bone morphogenetic protein 4, BMP-2B, DVR4.

描述: Bone morphogenetic protein 4 (BMP-4) is a member of the bone morphogenetic protein family which belongs to the TGF-superfamily. This protein is a vital regulatory molecule that functions throughout bone and cartilage development, specifically tooth development, limb formation, bone induction, and fracture repair. In human embryonic development, BMP- 4 is required for the early differentiation of the embryo and establishing of a dorsolventral axis.

配方: Liquid. In 10mM Sodium citrate buffer (pH 3.5), 10% glycerol

分子量: 13.2 kDa (117 aa), confirmed by MALDI-TOF

序列:

MSPKHHSQRARKKNKNCRRHSLYVDFSDVGVNDWIVAPPGYQAFYCHGDCPFPLADHLNSTNHAIVQTLVNSVNSSIP
KACCVPTELSAISMLYLDEYDKVVLKNYQEMVVEGCGCR

纯度: > 95% by HPLC

浓度: 0.5 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.