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BMP6, 375-513aa, Human, His tag, E.coli

产品货号: TP01352

第三版

别名: Bone morphogenetic protein 6, VGR, VGR1

描述: The bone morphogenetic proteins (BMPs) are a family of secreted signaling molecules that can induce ectopic bone growth. Many BMPs are part of the transforming growth factor-beta (TGFB) superfamily. BMPs were originally identified by an ability of demineralized bone extract to induce endochondral osteogenesis in vivo in an extraskelatal site. Based on its expression early in embryogenesis, BMP6 has a proposed role in early development. In addition, the fact that this BMP is closely related to BMP5 and BMP7 has lead to speculation of possible bone inductive activity. Recombinant human BMP6 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

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

分子量: 18 kDa (164aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSHMSASSRRRQQSRNRSTQSQDVARVSSASDYNSSSELKTACRKHELYVSFQDLGWQ
DWIIPKGYAANYCDGECSEFPLNAHMNATNHAIVQTLVHLMNPEYVVPKCCAPTCLNAISVLYFDDNSNVILKKYRNMV
VRACGCH

纯度: > 95% by HPLC

浓度: 0.25 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.