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GDF-5, 382-501aa, Human, His-tagged, Recombinant, E.coli

产品货号: TP02220

第三版

别名:Growth differentiation factor 5, BMP14, CDMP1, LAP4, OS5, SYNS2

描述:Growth differentiation factor 5(GDF-5) is a member of the bone morphogenetic protein (BMP) family and the TGF-beta superfamily. This protein plays a role in chondrogenesis and chondrocyte metabolism, tendon and ligament tissue formation, and bone repair. It also increases the survival of neurones that respond to a neurotransmitter called dopamine, and is a potential therapeutic molecule associated with Parkinson's disease.

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

分子量:15.8 kDa (141aa)

序列:

MGSSHHHHHHSSGLVPRGSHMAPLATRQGKRPSKNLKARCSRKALHVNFKDMGWDDWIIAPLEYEAFHCEGLCEFPLR  
SHLEPTNHAVIQTLMNSMDPESTPPTCCVPTRLSPISILFIDSANNVVKQYEDMVVESCGR

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.