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HBEGF, 63-148aa, Human, His tag, E.coli

产品货号: TP02408

第三版

别名:Heparin-binding EGF-like growth factor, DTR, DTS, DTSF, HEGFL

描述:HBEGF is growth factor that mediates its effects via EGFR, ERBB2 and ERBB4. It is required for normal cardiac valve formation and normal heart function. This protein promotes smooth muscle cell proliferation. It may be involved in macrophage-mediated cellular proliferation. It is mitogenic for fibroblasts, but not endothelial cells. It is able to bind EGF receptor/EGFR with higher affinity than EGF itself and is a far more potent mitogen for smooth muscle cells than EGF. Recombinant human HBEGF protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 2mM DTT

分子量:12.1kDa (109aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSDLQEADLLRVTLSSKPQALATPNKEEHGKRKKKGGKGLGKKRDPCLRKYKDFCI
HGECKYVKELRAPSCICHPGYHGERCHGLSL

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.