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GMFB, 1-142aa, Human, His tag, E.coli

产品货号: TP02280

第三版

别名: Glia maturation factor beta, GMF, GMF beta

描述: GMFB, also known as GMF, belongs to the GMF subfamily of the larger actin-binding protein ADF family. This protein, which is phosphorylated following phorbol ester stimulation, is important for the nervous system. It causes brain cell differentiation, stimulates neural regeneration and inhibits tumor cell proliferation. Overexpression of GMFB in astrocytes has been shown to enhance brain-derived neurotrophic factor (BDNF) production.

配方: Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 0.1M NaCl, 1mM DTT, 10% glycerol

分子量: 18.8 kDa (162aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMSESLVCDVAEDLVEKLRKFRFRKETNNAIIMKIDKDKRLVVLDEELEGISPDELKDEL
PERQPRFIVYSYKYQHDDGRVSYPLCFIFSSPVGCKPEQMMYAGSKNKLVTAE LTKVFEIRNTEDLTEEWLREKLGFFH

纯度: > 95% by HPLC

浓度: 1 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.