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32-1294: GMF b His Recombinant Protein

Alternative Name : GMF,GMF beta.

Description

Source : Escherichia Coli. GMFB Human Recombinant produced in E.Coli is a signle, non-glycosylated, polypeptide chain containing 162 amino acids (1-142 a.a.)and having a total molecular mass of 18.8 kDa. GMGB is fused to a 20 amino acid His Tag at N-terminus and is purified by proprietary chromatographic techniques. GMFB is part of the GMF subfamily of the larger actin-binding protein ADF family. GMFB is phosphorylated after phorbol ester stimulation, and is crucial for the nervous system. GMFB causes brain cell differentiation, stimulates neural regeneration and inhibits tumor cell proliferation. GMFB overexpression in astrocytes results in the increase of BDNF production. GMFB expression is increased by exercise, thus BDNF is important for exercise-induction of BDNF.

Product Info

Amount :	20 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	The GMFB 1mg/ml protein solution contains 20mM Tris-HCL pH-8, 1mM DTT, 0.1M NaCl and 10% Glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MSESLVVCDV AEDLVEKLRK FRFRKETNNA AIIMKIDKDK RLVVLDEELE GISPDELKDE LPERQPRFIV YSYKYQHDDG RVSYPLCFIF SSPVGCKPEQ QMMYAGSKNK LVQTAELTKV FEIRNTEDLT EEWLREKLGF FH.

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