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BDNF, 129-247 aa, Human, His tag, E.coli

产品货号: TP01319

第三版

别名: Brain-derived neurotrophic factor isoform a, ANON2, BuLN2

描述: BDNF also known as Brain-derived neurotrophic factor. This protein is during development, promotes the survival and differentiation of selected neuronal populations of the peripheral and central nervous systems. The versatility of BDNF is emphasized by its contribution to a range of adaptive neuronal responses including long-term potentiation (LTP), long-term depression (LTD), certain forms of short-term synaptic plasticity, as well as homeostatic regulation of intrinsic neuronal excitability. Recombinant human BDNF protein, was expressed in E.coli.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

分子量: 15.8 kDa (140aa)

序列:

MGSSHHHHHSSGLVPRGSHMHSDPARRGELSVCDSEWVTAADKKTAVDMSGGTVTVLEKVPVSKGQLKQYFYETK  
CNPMGYTKEGCRGIDKRHWNSQCRTTQSYVRALTMDSKKRIGWRFIRIDTSCVCTLTIKRGR

纯度: > 95% by HPLC

浓度: 1mg/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.