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MTPN, 1-118aa, Human, His tag, E.coli

产品货号: TP03045

第三版

别名: Myotrophin, Protein V-1, GCDP

描述: MTPN (myotrophin), an ankyrin repeat protein, is stimulates protein synthesis and cardiomyocyte growth to initiate cardiac hypertrophy by activating the NF-kappaB signaling cascade. This protein plays a potential role in cerebellar morphogenesis and may function in differentiation of cerebellar neurons, particularly of granule cells. Elevated levels of MTPN are expressed in human dilated cardiomyopathic and ischemic hearts.

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

分子量: 15.0 kDa(138aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMCDKEFMWALKNGDLDEVKDYVAKGEDVNRTLEGGRKPLHYAADCGQLEILEFLLLK
GADINAPDKHHITPLLSAVYEGHVSCVKLLLSKGADKTVKGPDGLTAFEATDNQAIKALLQ

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.