

32-1609: MTPN Recombinant Protein

Alternative Name : Protein V-1,GCDP,Myotrophin,FLJ31098,FLJ99857.

Description

Source : Escherichia Coli. MTPN Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 138 amino acids (1-118 a.a.) and having a molecular mass of 15 kDa. The MTPN is fused to 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques. MTPN is an ankyrin repeat protein, that stimulates protein synthesis and cardiomyocyte growth to commence cardiac hypertrophy by activating the NF-kappaB signaling cascade. Myotrophin participates in cerebellar morphogenesis and takes part in differentiation of cerebellar neurons, particularly of granule cells. High levels of MTPN are expressed in human dilated cardiomyopathic and ischemic hearts.

Product Info

Amount :	20 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	MTPN Human solution containing 20mM Tris-HCl pH-8 and 10% glycerol.
Storage condition :	MTPN Human although stable at 4°C for 1 week, should be stored desiccated below -18°C. Please prevent freeze thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MCDKEFMWAL KNGDLDEVKD YVAKGEDVNR TLEGGRKPLH YAADCGQLEI LEFLLKKGAD INAPDKHHIT PLLSAVYEGH VSCVKLLLSK GADKTVKGPD GLTAFEATDN QAIKALLQ.