



Myotrophin Human Recombinant

Item Number rAP-2703

Synonyms Protein V-1, GCDP, Myotrophin, FLJ31098, FLJ99857.

Description 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.

Uniprot Accesion Number P58546

Amino Acid Sequence MGSSHHHHHH SSGLVPRGSH MCDKEFMWAL KNGDLDEVKD YVAKGEDVNR TLEGGRKPLH

YAADCGQLEI LEFLLLKGAD INAPDKHHIT PLLSAVYEGH VSCVKLLLSK GADKTVKGPD GLTAFEATDN

QAIKALLQ.

Source Escherichia Coli.

Physical Appearance

and Stability

Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier

protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Formulation and Purity MTPN Human solution containing 20mM Tris-HCl pH-8 and 10% glycerol. Greater than 90.0% as deter-

mined by SDS-PAGE.

Application

Solubility

Biological Activity

Shipping Format and Condition Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only