

Mesencephalic Astrocyte-Derived Neurotrophic Factor Human Recomb-

Item Number	rAP-2682
Synonyms	Mesencephalic astrocyte-derived neurotrophic factor, Protein ARMET, ARP, arginine-rich mutated in early stage tumors, Arginine-rich protein.
Description	MANF Human Recombinant produced in E. coli is a single polypeptide chain containing 183 amino acids (25-182) and having a molecular mass of 20.8kDa. MANF is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P55145
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSFMLRPGD CEVCISYLGR FYQDLKDRDV TFSPATIENE LIKFCREARG KENRLCYIG ATDDAATKII NEVSKPLAHH IPVEKICEKL KKKDSQICEL KYDKQIDLST VDLKKLRVKE LKKILDDWGE TCKGCAEKSD YIRKINELMP KYAPKAASAR TDL
Source	E.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	The MANF solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT and 10% glycerol. Greater than 90% as determined 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**