

Recombinant Human MANF

Cat No:HR2R1687

For research use only

Overview

Quantity	1.0 ?g
Gene Symbol	MANF
Gene ID	7873
Accession	P55145
Alternative Name	Arginine-rich protein, Protein ARMET, ARP Recombinant Human Mesencephalic Astrocyte-Derived Neurotrophic Factor (MANF)
Species	Human
Source	E. coli
Description	MANF is a neurotrophic factor found mainly in central nervous tissues where it may remain localized to the endoplasmic reticulum and in the Golgi apparatus, or secreted. It has been shown that MANF plays an important role in protecting cells against tunicamycin and thapsigargin-induced cell death. Without MANF, cells become increasingly vulnerable to the aforementioned drugs. Also, MANF is structurally homologous to CDFN.
Functions	N.A.
Formulation	Lyophilized from a 0.2 ?m filtered solution in PBS
Solubility	Reconstitute at 200 ?g/mL in PBS
Appearance	Lyophilized Powder
Molecular Weight	18.4
Purity	>95% as determined by SDS-PAGE
Concentration	< 1.0 EU/?g of recombinant protein as determined by the LAL method.
Shipping Condition	Ambient Temperature
Storage Condition	The lyophilized protein is stable for at least one year from date of receipt at -70°C. Upon reconstitution, this cytokine can be stored in working aliquots at 2? - 8°C for one month, or at -20°C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles.