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MANF Human, His

Mesencephalic Astrocyte-Derived Neurotrophic Factor Human Recombinant, His Tag
NTR0036

Product Overview

Name	MANF Human, His

Description

Mesencephalic Astrocyte-Derived Neurotrophic Factor Human Recombinant, His Tag

Accession (Primary)	P55145

Synonyms

Mesencephalic astrocyte-derived neurotrophic factor, Protein ARMET, ARP, arginine-rich mutated in early stage tumors, Arginine-rich protein.

Introduction

MANF is a 20kDa protein which belongs to the ARMET family. MANF was originally known as an arginine-rich region protein which was extremely mutated in a large number of tumors. MANF Expression is induced during ER stress, signifying that MANF takes part in protein quality control during ER stress.

Source

E.coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The MANF solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT and 10% glycerol.

Stability

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.

Purity

Greater than 90% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGSHM LRPGD CEVCISYLGR FYQDLKDRDV TFSPATIENE LIKFCREARG KENRLCYYIG ATDDAATKII NEVSKPLAHH IPVEKICEKL KKKDSQICEL KYDKQIDLST VDLKKLRVKE LKKILDDWGE TCKGCAEKSD YIRKINELMP KYAPKAASAR TDL

Precautions

MANF Human, His is for research use only and not for use in diagnostic or therapeutic procedures.

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Target Information: (P55145)