

AR50290PU-N

Human ARMET / ARP (25-182, His-tag) - Purified

Alternate names:	Arginine-rich protein, MANF, Mesencephalic astrocyte-derived neurotrophic factor
Quantity:	0.5 mg
Concentration:	0.5 mg/ml (determined by Bradford assay)
Background:	Mesencephalic astrocyte-derived neurotrophic factor, also known as MANF, is a 20 kDa member of the ARMET family of proteins. MANF was initially identified as a protein containing an arginine-rich region that was highly mutated in a variety of tumors. Expression of MANF has also been shown to be induced during ER stress, suggesting that it may play a role in protein quality control during ER stress.
Uniprot ID:	P55145
NCBI:	NP_006001
GeneID:	7873
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 0.1M NaCl
Description:	Recombinant human MANF protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHH SGLVPRGSH MGSMLRPGD CEVCISYLGR FYQDLKDRDV TFSPATIENE LIKFCREARG KENRLCYIG ATDDAATKII NEVSKPLAHH IPVEKICEKL KKKDSQICEL KYDKQIDLST VDLKKLRVKE LKKILDDWGE TCKGCAEKSD YIRKINELMP KYAPKAASAR TDL Molecular weight: 20.8 kDa (183aa), confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Shridhar V., et al. (1996) Cancer Res. 56:5576. Petrova P S., et al. (2003) J Mol Neurosci. 20:173.

Pictures:

