

Product datasheet for **AR50290PU-N**

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

Product data:

Product Type:	Recombinant Proteins
Description:	ARMET / ARP (25-182, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMLRPGD CEVCISYLGR FYQLKDRDV TFSPATIENE LIKFCREARG KENRLCYIG ATDDAATKII NEVSKPLAHH IPVEKICEKL KKKDSQICEL KYDKQIDLST VDLKCLRVE LKKILDDWGE TCKGCAEKSD YIRKINELMP KYAPKAASAR TDL
Tag:	His-tag
Predicted MW:	20.8 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 10% glycerol, 0.1M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human MANF protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
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.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_006001
Locus ID:	7873
UniProt ID:	P55145 , A8K878
Cytogenetics:	3p21.2
Synonyms:	ARMET; ARP



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Summary:

The protein encoded by this gene is localized in the endoplasmic reticulum (ER) and golgi, and is also secreted. Reducing expression of this gene increases susceptibility to ER stress-induced death and results in cell proliferation. Activity of this protein is important in promoting the survival of dopaminergic neurons. The presence of polymorphisms in the N-terminal arginine-rich region, including a specific mutation that changes an ATG start codon to AGG, have been reported in a variety of solid tumors; however, these polymorphisms were later shown to exist in normal tissues and are thus no longer thought to be tumor-related. [provided by RefSeq, Apr 2014]

Protein Families:

Druggable Genome, Secreted Protein

Product images: