

MANF active protein

Recombinant Human MANF

CATALOG #
AAA214286

HOST
E Coli

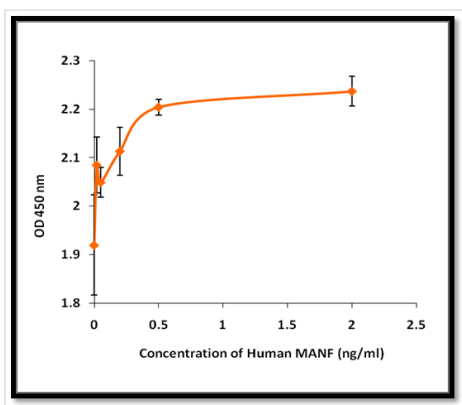
PRODUCT SYNONYMS

MANF; Recombinant Human MANF; Arginine-rich protein; Protein ARMET; ARP; Recombinant Human Mesencephalic Astrocyte-Derived Neurotrophic Factor (MANF); MANF active protein

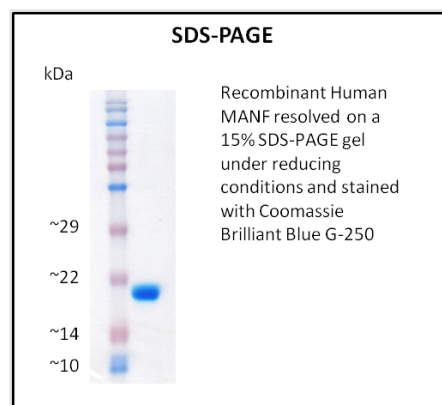
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>95% as determined by SDS-PAGE
Form/Format	Lyophilized from a 0.2 um filtered solution in PBS
Sequence Length	185
Bioactivity	The ED50 was found to be <0.5ng/ml using dose dependent proliferation of human pancreatic cells.
Endotoxin Level	<1.0 EU/ug of recombinant protein as determined by the LAL method
Reconstitution	Reconstitute at 200 ug/mL in PBS
Preparation and Storage	The lyophilized protein is stable for at least one year from date of receipt at -70 degree C. Upon reconstitution, this cytokine can be stored in working aliquots at 2-8 degree C for one month, or at -20 degree C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for MANF active protein

MANF is a neurotrophic factor found mainly in central nervous tissues where it may remain localized to the endoplasmic reticulum/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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	618857509
NCBI GeneID	7873
NCBI Accession #	NP_006001.4
NCBI GenBank Nucleotide #	NP_006001.4
UniProt Accession #	P55145
Molecular Weight	18.4 kDa
NCBI Official Full Name	mesencephalic astrocyte-derived neurotrophic factor
NCBI Official Synonym Full Names	mesencephalic astrocyte derived neurotrophic factor
NCBI Official Symbol	MANF
NCBI Official Synonym Symbols	ARP; ARMET
NCBI Protein Information	mesencephalic astrocyte-derived neurotrophic factor
UniProt Protein Name	Mesencephalic astrocyte-derived neurotrophic factor
UniProt Gene Name	MANF
UniProt Synonym Gene Names	ARMET; ARP
UniProt Entry Name	MANF_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/e-coli-active-protein/manf/214286>