Active Recombinant Human MANF, His-tagged

Cat. No. MANF-429H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MANF (Accession # ACE87065) Leu22-Leu179, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	22-179 a.a.
Predicted N Terminal	Leu22
Form	Lyophilized from a 0.2 μm filtered solution in PBS.
Bio-activity	Measured by its ability to support the survival and stimulate neurite outgrowth of rat embryonic cortical neurons.The ED50 for this effect is typically 0.7-2.8 μg/mL.
Molecular Mass	Recombinant Human MANF, His-tagged has a calculated MW of 19.0 kDa. In SDS-PAGE migrates as 20.4 kDa, reducing conditions.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	MANF mesencephalic astrocyte-derived neurotrophic factor [Homo sapiens]
Official Symbol	MANF
Synonyms	MANF; mesencephalic astrocyte-derived neurotrophic factor; arginine rich, mutated in early stage tumors , ARMET; ARP; arginine-rich, mutated in early stage tumors; ARMET; MGC142148; MGC142150;
Gene ID	7873
mRNA Refseq	NM_006010
Protein Refseq	NP_006001
MIM	601916
UniProt ID	P55145
Chromosome Location	3p21.1

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA