

Recombinant Mouse MANF Protein, His-tagged

Cat. No. MANF-935M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse MANF (NP_083379.2) (Met 1-Leu 179) was expressed, with a C-terminal polyhistidine tag.
Species	Mouse
Source	HEK293
ProteinLength	1-179 a.a.
Predicted N Terminal	Leu 22
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The secreted recombinant mouse MANF comprises 169 amino acids and has a calculated molecular mass of 19.6 kDa. The apparent molecular mass of the recombinant protein is approximately 21 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>90 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be

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aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [Manf mesencephalic astrocyte-derived neurotrophic factor \[Mus musculus \]](#)

Official Symbol [MANF](#)

Synonyms MANF; mesencephalic astrocyte-derived neurotrophic factor; arginine-rich protein; arginine-rich, mutated in early stage tumors; Armet; D17914; AA407711; AA408789; AA673178; D18Mgi17; 3230402M22Rik;

Gene ID [74840](#)

mRNA Refseq [NM_029103](#)

Protein Refseq [NP_083379](#)

MIM

UniProt ID

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