

Recombinant Human MANF Protein, MYC/DDK-tagged

Cat. No. MANF-327H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant human MANF protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293. |
| Species | Human |
| Source | HEK293 |
| Description | 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] |
| Form | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol. |
| Molecular Mass | 18.1 kDa |
| Purity | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Concentration | >50 ug/mL as determined by microplate BCA method |

GENE INFORMATION

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 45-1 Ramsey Road, Shirley, NY 11967, USA



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|------------------------|--|
| Gene Name | mesencephalic astrocyte derived neurotrophic factor [Homo sapiens] |
| Official Symbol | MANF |
| Synonyms | ARMET; ARP |
| Gene ID | 7873 |
| mRNA Refseq | NM_006010.4 |
| Protein Refseq | NP_006001.3 |
| MIM | 601916 |
| UniProt ID | P55145 |

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