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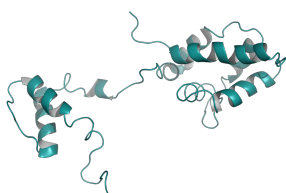
DATASHEET

Recombinant human MANF (His Tag) protein

Product overview

| | |
|--------------------------|--|
| Name | Recombinant human MANF (His Tag) protein |
| Cat No | HB7200 |
| Species of origin | human |
| Alternative names | Recombinant Human Mesencephalic Astrocyte-Derived Neurotrophic Factor, His Tag, Mesencephalic astrocyte-derived neurotrophic factor, Protein ARMET, ARP, arginine-rich mutated in early stage tumors, Arginine-rich protein. |
| Purity | >90% |
| Description | His-Tag recombinant human MANF protein |

Images



Solubility & Handling

| | |
|------------------|---|
| Handling | <ul style="list-style-type: none">• Solutions should be made in sterile deionized water (not less than 100 µg/ml). This solution can then be further diluted with other aqueous solutions.• Following reconstitution, solutions may be stored at 4°C and are useable for around 2-7 days and for future use store at -18°C.• For long term storage, a carrier protein (0.1% HSA or BSA) should be added to stock solutions. Solutions should be aliquoted into tightly sealed vials for storage at -20°C. Freeze-thaw cycles should be prevented. |
| Important | This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use. |

Chemical Data

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|--------------------|--|
| UniProt ID | P55145 |
| Source | E.coli. |
| Appearance | Colourless solution (sterile filtered) |
| Formulation | Solution (0.5mg/ml) containing Tris-HCl buffer (20mM, pH 8.0), NaCl (100mM), DTT (1mM) and 10% glycerol. |

References

MANF: a new mesencephalic, astrocyte-derived neurotrophic factor with selectivity for dopaminergic neurons

Petrova P *et al* (2003) J Mol Neurosci 20(2)

PubMedID [12794311](#)

Mesencephalic astrocyte-derived neurotrophic factor is neurorestorative in rat model of Parkinson's disease

Voutilainen MH *et al* (2009) J Neurosci 29(30)

PubMedID [19641128](#)

Mesencephalic Astrocyte-Derived Neurotrophic Factor (MANF) Elevates Stimulus-Evoked Release of Dopamine in Freely-Moving Rats

Renko JM *et al* (2018) Mol Neurobiol 55(8)

PubMedID [29349573](#)
