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DATASHEET

Recombinant mouse beta-NGF protein

Product overview

Name	Recombinant mouse beta-NGF protein
Cat No	HB9898
Biological action	Activator
Description	Mouse beta-NGF protein

Biological Data

Application notes	The method used to test the bioassay is the NGF-dependent survival of dorsal root ganglia neurons of chick embryo, corresponding to a Specific Activity of 500,000IU/mg.
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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.• 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

References

Studies on the expression of the beta nerve growth factor (NGF) gene in the central nervous system: level and regional distribution of NGF mRNA suggest that NGF functions as a trophic factor for several distinct populations of neurons

Shelton DL *et al* (1986) Proc Natl Acad Sci U S A 83(8)

PubMedID [3458230](#)

Recombinant human beta-nerve growth factor (NGF): biological activity and properties in an enzyme immunoassay

Soderstrom S *et al* (1990) J Neurosci Res 27(4)

PubMedID [2079723](#)

Studies on the regulation of beta-nerve growth factor gene expression in the rat iris: the level of mRNA-encoding nerve growth factor is increased in irises placed in explant cultures in vitro, but not in irises deprived of sensory or sympathetic innervation

Shelton DL *et al* (1986) J Cell Biol 102(5)

PubMedID [3700478](#)
