

Active Recombinant Mouse Ngf protein

Cat. No. Ngf-810M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse beta-Nerve Growth Factor is produced by our E.coli expression system and the target gene encoding Met130-Arg239 is expressed.
Species	Mouse
Source	E.coli
ProteinLength	Met130-Arg239
Form	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 200mM NaCl, pH 8.0.
Bio-activity	Measured in a cell proliferation assay using TF-1 human erythroleukemic cells. The ED50 for this effect is 68.52 ng/ml.
Endotoxin	Less than 0.1 ng/ug (1 EU/ug) as determined by LAL test.
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Storage	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml.

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Dissolve the lyophilized protein in distilled water.

Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

GENE INFORMATION

Gene Name	Ngf nerve growth factor [Mus musculus (house mouse)]
Official Symbol	Ngf
Synonyms	NGF; nerve growth factor; beta-nerve growth factor; beta-NGF; nerve growth factor, beta; Ngfb
Gene ID	18049
mRNA Refseq	NM_013609
Protein Refseq	NP_038637
UniProt ID	P01139

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