

Active Recombinant Human NGF Protein

Cat. No. NGF-588H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human NGF Protein(P01138)(Ser122-Arg239) is expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	122-239 aa
Form	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 250mM NaCl, pH 7.0.
Bio-activity	Measured in a cell proliferation assay using TF-1 human erythroleukemic cells.The ED50 for this effect is 0.04-0.4 ng/ml.
Molecular Mass	13.3 KDa
Endotoxin	< 1 EU/g as determined by LAL test.
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Storage	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°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

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recommended to reconstitute to a concentration less than 100µg/ml. 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 (beta polypeptide) [Homo sapiens]
Official Symbol	NGF
Synonyms	NGF; nerve growth factor (beta polypeptide); NGFB; beta-nerve growth factor; nerve growth factor, beta subunit; HSN5; Beta-NGF; MGC161426; MGC161428;
Gene ID	4803
mRNA Refseq	NM_002506
Protein Refseq	NP_002497
MIM	162030
UniProt ID	P01138
SDS-PAGE	
Cell Based Assay	

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