

Active Recombinant Human NGF

Cat. No. NGF-534H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human NGF (P01138) full-length recombinant protein expressed in CHO cells.
Species	Human
Source	Human
Theoretical MW (kDa)	16.95
Form	Lyophilized
Preparation Method	Mammalian cell (CHO) expression system
Purity	μ 98% by SDS-PAGE, μ 98% by HPLC
Endotoxin Level	< 0.1 ng/ug
Activity	The ED50 as determined using PC12 cell line is 1.2-2 ng/mL and using DRG cell line is 0.8-1.5 ng/mL.
Application	SDS-PAGE
Storage Buffer	Lyophilized from 30 mM sodium acetate, pH 5.5 (1% HAS)
Storage	Store at -20°C on dry atmosphere.

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Unitprot ID	P01138
Pathways	Apoptosis, MAPK signaling pathway, Signalling by NGF
GENE INFORMATION	
Gene Name	NGF nerve growth factor (beta polypeptide) [Homo sapiens]
Official Symbol	NGF
Synonyms	Beta-NGF; HSAN5; MGC161426; MGC161428; NGFB; Beta-nerve growth factor precursor; beta-nerve growth factor; nerve growth factor, beta polypeptide; nerve growth factor, beta subunit;NGF_HUMAN; NGF; nerve growth factor (beta polypeptide)
Gene ID	4803
mRNA Refseq	NM_002506
Protein Refseq	NP_002497
MIM	162030
Chromosome Location	1p13.1
Function	growth factor activity, nerve growth factor receptor binding, receptor signaling protein activity