

Recombinant Human NGF protein

Cat. No. NGF-0302H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NGF protein(NP_002497.2)(Glu19-Ala241) was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	19-241 a.a.
Form	Lyophilized from sterile 0.01 % TFA, 40 % acetonitrile. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The recombinant human NGF consists of 224 amino acids and predicts a molecular mass of 25.1 kDa.
Proteinlength	Glu19-Ala241
Purity	> 85 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	NGF nerve growth factor (beta polypeptide) [Homo sapiens]
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Official Symbol	NGF
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Synonyms	NGF; nerve growth factor (beta polypeptide); NGFB; beta-nerve growth factor; nerve growth factor, beta subunit; HSN5; Beta-NGF; MGC161426; MGC161428;
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Gene ID	4803
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mRNA Refseq	NM_002506
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Protein Refseq	NP_002497
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MIM	162030
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UniProt ID	P01138
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