

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]

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

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