

Recombinant Human NGF protein

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

SPECIFICATION

Product Overview	Recombinant Human NGF(Ser122-Arg239) was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ser122-Arg239
Form	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 250mM NaCl, pH 7.0
AA Sequence	SSSHPIFHRGEFSVCDSSVWVGDKTTATDIKGKEVMVLGEVNINNSVFKQYFFETK CRDPNPVDSGCRGIDSKH WNSYCTTTHTFVKALTM DGKQAAWRFIRIDTACVCVLS RKA VR
Endotoxin	Less than 0.1 ng/g (1 IEU/g).
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
Storage	Lyophilized protein should be stored at < -20 centigrade, though stable at room temperature for 3 weeks.Reconstituted protein solution can be stored at 4-7 centigrade for 2-7 days.Aliquots of reconstituted samples are stable at < -20 centigrade for 3 months.

GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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
Chromosome Location	1p13.1
Pathway	ARMS-mediated activation, organism-specific biosystem; Activation of TRKA receptors, organism-specific biosystem; Apoptosis, organism-specific biosystem; Apoptosis, conserved biosystem; Axonal growth stimulation, organism-specific biosystem; Cell death signalling via NRAGE, NRIF and NADE, organism-specific biosystem; Ceramide signalling, organism-specific biosystem;
Function	growth factor activity; nerve growth factor receptor binding; receptor signaling protein activity;