

NGF, human recombinant

Catalogue #	P-104-100
Synonyms:	Beta-nerve growth factor, NGFB
Uniprot ID:	P01138
Source:	Human
MW:	Mature NGF, Approximately 13.5 kDa, a single non-glycosylated polypeptide chain containing 120 amino acids
Host:	CHO-based cell line (expressed by QMCF Technology)
Purification:	Purified by ion-exchange chromatography and gel-filtration from serum-free CHO growth media. Protein is sterile-filtrated through 0.22 µm filter
Concentration:	0.27 mg/ml
Buffer:	PBS+0,5 M imidazole
Endotoxine:	Less than 1EU/mg of protein as determined by LAL method
QC:	Coomassie-stained SDS-PAGE (Figure 1)
Shipping:	Shipped on dry ice
Storage:	Store at -70°C upon receipt. Recommended to aliquot into smaller quantities. Avoid repeated freeze-thaw cycles
Background:	Nerve growth factor is important for the development and maintenance of the sympathetic and sensory nervous systems. Extracellular ligand for the NTRK1 and NGFR receptors, activates cellular signaling cascades through those receptor tyrosine kinase to regulate neuronal proliferation, differentiation and survival. Inhibits metalloproteinase dependent proteolysis of platelet glycoprotein VI (UniProt)
Custom price	Custom quantity - ask quotation

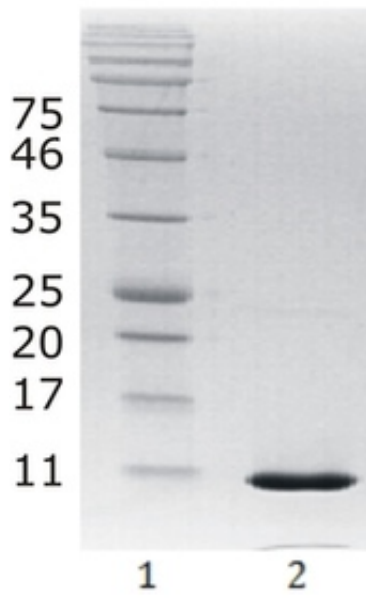


Figure 1. Coomassie-stained SDS-PAGE analysis of human NGF. Lane 1. Protein size marker (Blue Protein Ladder Prestained, Naxo 8003). Lane 2. 2 μ g of NGF (non-reduced).