Recombinant Human Beta-NGF

Cat No:HR2R1193

For research use only

Overview

Quantity	20 ?g
Gene Symbol	NGF
Gene ID	4803
Accession	P01138
Alternative Name	?-NGF, Nerve Growth Factor
Species	Human
Source	E. coli
Description	?-NGF is a potent neurotrophic factor that plays a crucial role in the development and preservation of the sensory and sympathetic nervous systems. ?-NGF also acts as a growth and differentiation factor for B lymphocytes and enhances B-cell survival. ?-NGF belongs to the cysteine-knot family of growth factors that assume stable, disulfide-linked homodimeric structures. Recombinant human ?-NGF shares approximately 90% homology with both the mouse and rat ?NGF at the primary level.
Functions	N.A.
Formulation	N.A.
Solubility	Reconstitute at 0.1mg/ml in sterile PBS
Appearance	Lyophilized Powder
Molecular Weight	14
Purity	>95% as determined by SDS-PAGE
Concentration	<1.0 EU/?g of recombinant protein as determined by the LAL method.
Shipping Condition	Ambient Temperature
Storage Condition	The lyophilized protein is stable for at least one year from date of receipt at -70?C. Upon reconstitution, this cytokine can be stored in working aliquots at 2? - 8?C for one month, or at -20?C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles.