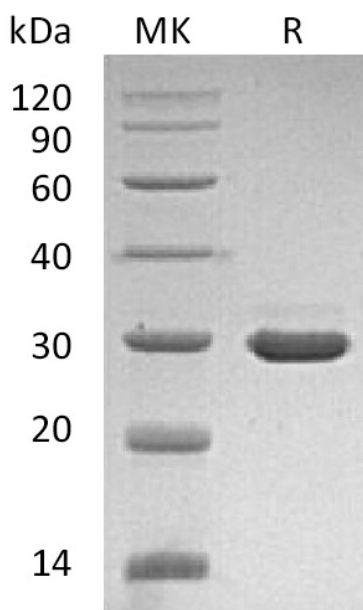


Summary

Name	pro-beta NGF
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human pro-Nerve Growth Factor is produced by our E.coli expression system and the target gene encoding Glu19-Ala241 is expressed.
Accession #	P01138
Host	E.coli
Species	Human
Predicted Molecular Mass	25 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM Histidine-HCl, 5% Sucrose, 0.02% Tween 80, pH 5.0.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability & Storage	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

Product Name: Recombinant Human pro-Beta NGF
Catalog #: PEH1224



Alternative Names

Beta-Nerve Growth Factor; Beta-NGF; NGF; NGFB; β -NGF; pro-Beta NGF

Background

The precursor form of the nerve growth factor (proNGF) like its mature form is characterized by the cystin knot motif consisting of three cystine bridges, whereas proneurotrophins and mature neurotrophins elicit opposite biological effects. ProNGF functions preferentially via the complex of pan-neurotrophin receptor p75 (p75NTR) and vps10p domain-containing receptor sortilin inducing neuronal apoptosis and contributing to age- and disease-related neurodegeneration.

Note

For Research Use Only , Not for Diagnostic Use.