

HUMAN PRO-BETA NGF PROTEIN

目录: 12079

产品名称: Human Pro-Beta NGF Protein

规格: 10 µg, 50 µg and 100 µg

基因符号: Beta-Nerve Growth Factor;Beta-NGF;NGF;NGFB;-NGF;pro-Beta NGF

Target: pro-Beta

UNIPROT ID: P01138

描述: Recombinant Human pro-Nerve Growth Factor is produced by our E.coli expression system and the target gene encoding Glu19-Ala241 is expressed.

背景: 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.

Species/Host: E.coli

Molecular Weight: 25 KDa

Molecular Characterization: Not available

纯化: Greater than 95% as determined by reducing SDS-PAGE.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

储存和运输: Store at -20°C to -80°C for 12 months in lyophilized form.

After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

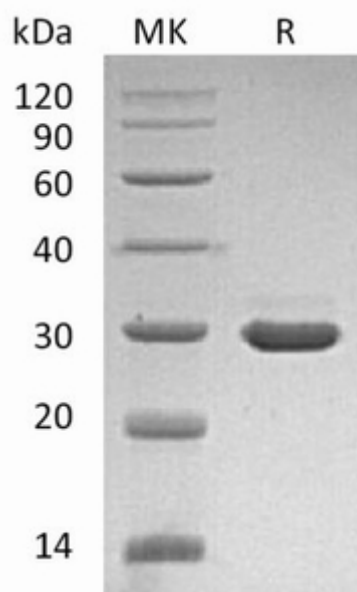


Figure 1. Greater than 95% as determined by reducing SDS-PAGE.