

**PRODUCT INFORMATION**

<b>Target</b>	pro-Beta
<b>Synonyms</b>	Beta-Nerve Growth Factor;Beta-NGF;NGF;NGFB;-NGF;pro-Beta NGF
<b>Description</b>	Recombinant Human pro-Nerve Growth Factor is produced by our E.coli expression system and the target gene encoding Glu19-Ala241 is expressed.
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	P01138
<b>Expression Host</b>	E.coli
<b>Tag</b>	
<b>Molecular Characterization</b>	Not available
<b>Molecular Weight</b>	25 KDa
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.
<b>Formulation &amp; Reconstitution</b>	Lyophilized from a 0.2 µm filtered solution of 20mM Tris-HCl,500mM NaCl,5%Trehalose,5%Mannitol,0.01%tween80,1mM EDTA,pH8.0.
<b>Storage &amp; Shipping</b>	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.
<b>Background</b>	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.
<b>Usage</b>	Research use only



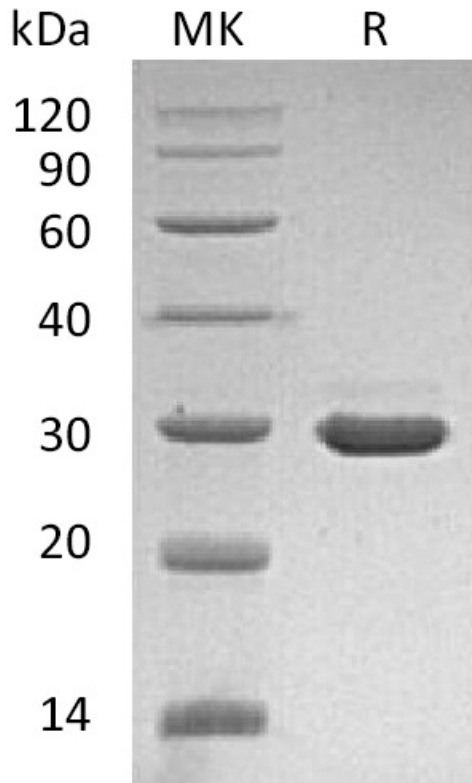


Figure 1. Greater than 95% as determined by reducing SDS-PAGE.

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