

## 32-1097: ProNGF Recombinant Protein

**Alternative Name :** Human Pro-NGF, ProNGF, NGFB.

### Description

Source : Escherichia Coli. Pro NGF is the pro-form of the neurotrophin nerve growth factor. Like the mature protein pro NGF is characterized by the cysteine knot motif consisting of three cysteine bridges. The protein predominantly exists as a non-covalently linked homodimer. Pro-Nerve Growth Factor Human Recombinant produced in E.Coli is a non-glycosylated, polypeptide chain containing 224 amino acids and having a molecular mass of 50KDa. The Pro NGF is purified by proprietary chromatographic techniques.

### Product Info

<b>Amount :</b>	10 µg
<b>Purification :</b>	Greater than 95.0% as determined by SDS-PAGE.
<b>Content :</b>	ProNGF was lyophilized from a 0.2µm filtered solution of 20mM PB and 250mM NaCl pH 7.2.
<b>Storage condition :</b>	Lyophilized ProNGF although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution ProNGF should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.
<b>Amino Acid :</b>	MEPHSESNPAGHTIPQVHWTKLQHSLDTALRRARSAPAAAIAARVAGQTRNITVDPRLFKRRLRSPRVLFST QPPREAADTQDLDFEVGGAAPFNRTHRSKRSSHPHFHHRGEFSVCDSVSVWVGDKTTATDIKGKVMVLGEV NINNSVFKQYFFETKCRDPNPVDSGCRGIDSKHWNSYCTTHTFVKALTMDBGKQAAWRFIRIDTACVCVLSRK AVRRA.

### Application Note

It is recommended to reconstitute the lyophilized ProNGF in 1xPBS to a concentration no less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

