

---

## Product Data Sheet

---

Product Name: ProNGF Human  
Cat. No.: GP20119  
Batch No.: 1

### Product Data

Purity >98% Source  
Physical Appearance solid Shipping Condition

Synonyms Human Pro-NGF; ProNGF; NGFB.

Amino Acid Sequence MEPHSESNVPAGHTIPQAHWTKLQHSLDTALRRARSAPAAAIAARVAGQTRNITVDPRLFKKRRLRSRVLVSTQPPREAADTQDLDFEVGGAAPFNRT

Solubility It is recommended to reconstitute the lyophilized ProNGF in 1xPBS to a concentration no less than 100 µg/ml, which can then be formulated. ProNGF was lyophilized from a 0.2 µM filtered solution of 20mM PB and 250mM NaCl pH 7.2.

### Stability

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.

### Background

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.

**Caution: Product has not been fully validated for medical applications. For research use only.**

**Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com**

**Address: 10292 Central Ave. #205, Montclair, CA, USA**