

Human ProNGF Recombinant Protein



RPPB0112

Product Information Protein Information

Product SKU:

RPPB0112

Accession:

P01138

Host:

Escherichia Coli.

Protein description:

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.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Human Pro-NGF, ProNGF, NGFB.

Formulation:

ProNGF was lyophilized from a 0.2 µM filtered solution of 20mM PB and 250mM NaCl pH 7.2.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Solubility:

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.

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.

Amino Acid Sequence:

MEPHSESNVPAGHTIPQAHWTKLQHS�DTALRRARSAPAAAIAARVAGQTRNITVDPRLFKKRRLRSPRVLFSTQP
PREAADTQDLDFEVGGAAPFNRTHRSKRSSHPHFHRGEFSVCDSVSVWVGDKTTATDIKGKEVMVLGEVNIINNSV
FKQYFFETKCRDPNPVDSGCRGIDSKHWNSYCTTHTFVKALTMKGKQAAWRIFRIDTACVCVLSRKAVRRA.