



Recombinant Human ProNGF

Datasheet

Catalog Number: PR27004

Product Type: Recombinant Protein

Source: *E. Coli*

Amino Acid Sequence: MEPHSESNVPAGHTIPQVHWTKLQHSLDTALRRARSAPAAAIAARVAGQTRNITVDPRLFKKRRLRSRVL
FSTQPPREAADTQDLDFEVGGAAPFNRTHRSKRSSSHPIFHRGEFSVCDSVSVVVGDKTTATDIKKEVM
VLGEVNINNSVFKQYFFETKCRDPNPVDSGCRGIDSKHWNSYCTTTHTFVKALTMDGKQAAWRFIRIDTA
CVCVLSRKAVR.

Description/Molecular Mass: Recombinant Human Pro-NGF produced in E.Coli is a non-glycosylated, polypeptide chain containing 222 amino acids and having a molecular mass of 49,738 Dalton. Recombinant Pro-NGF is purified by proprietary chromatographic techniques.

Purity: Greater than 95.0% as determined by:
(a) Analysis by RP-HPLC.
(b) Analysis 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.

Format: ProNGF was lyophilized from a 0.2 µM filtered solution of 20mM PB and 250mM NaCl pH 7.2. It is a sterile filtered white lyophilized (freeze-dried) powder.

Storage: 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.

FOR RESEARCH USE ONLY

NEUROMICS' REAGENTS ARE FOR IN VITRO AND CERTAIN NON-HUMAN IN VIVO EXPERIMENTAL USE ONLY AND NOT INTENDED FOR USE IN ANY HUMAN CLINICAL INVESTIGATION, DIAGNOSIS, PROGNOSIS, OR TREATMENT. THE ABOVE ANALYSES ARE MERELY TYPICAL GUIDES. THEY ARE NOT TO BE CONSTRUED AS BEING SPECIFICATIONS. ALL OF THE ABOVE INFORMATION IS, TO THE BEST OF OUR KNOWLEDGE, TRUE AND ACCURATE. HOWEVER, SINCE THE CONDITIONS OF USE ARE BEYOND OUR CONTROL, ALL RECOMMENDATIONS OR SUGGESTIONS ARE MADE WITHOUT GUARANTEE, EXPRESS OR IMPLIED, ON OUR PART. WE DISCLAIM ALL LIABILITY IN CONNECTION WITH THE USE OF THE INFORMATION CONTAINED HEREIN OR OTHERWISE, AND ALL SUCH RSKS ARE ASSUMED BY THE USER. WE FURTHER EXPRESSLY DISCLAIM ALL WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.-v1-10/2011

www.neuromics.com

Neuromics ▪ 5325 West 74th Street, Suite 8 ▪ Edina, MN 55439
phone 866-350-1500 ▪ fax 612-677-3976 ▪ e-mail pshuster@neuromics.com