

Product Datasheet

Human beta-NGF Recombinant Protein NBP2-36437-20ug

Unit Size: 20 ug

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 6/27/2023 v.20.1

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NBP2-36437-20ug

Human beta-NGF Recombinant Protein

Product Information	
Unit Size	20 ug
Concentration	Lyoph
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Reconstitution Instructions	Reconstitute with PBS to a final concentration of 0.1 mg/ml.
Purity	SDS-PAGE
Target Molecular Weight	13.5 kDa

Product Description	
Description	A single glycosylated polypeptide corresponding to amino acids Ser122 - Ala241 of NGF. Source: <i>Mouse myeloma cell line, NS0</i>
Gene ID	4803
Gene Symbol	NGF
Species	Human
Preparation Method	Novus' biologically active proteins are stringently purified to provide only the safest and most highly effective proteins available. This protein was expressed in E. coli, purified by HPLC, QC tested by SDS-PAGE and Western Blot and validated on appropriate cell lines for bioactivity. All HPLC and bioactivity data is provided for your assurance.
Details of Functionality	The ED50, as determined by a cell proliferation assay using human TF-1 cells, is less than 2 ng/ml.
Notes	This lyophilized preparation is stable at 2-8 degrees C, but should be kept at -20 degrees C for long term storage, preferably desiccated. Upon reconstitution, the preparation is most stable at -20 to -80 degrees C, and can be stored for one week at 2-8 degrees C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20 degrees C to -80 degrees C. Avoid repeated freeze/thaw cycles.
Endotoxin Note	Less than 1 EU/mg of the rHub-NGF as determined by LAL method.

Product Application Details	
Applications	SDS-Page, Bioactivity
Recommended Dilutions	SDS-Page, Bioactivity

Publications

Dravid A, Raos B, Svirskis D, OCarroll SJ Optimised techniques for high-throughput screening of differentiated SH-SY5Y cells and application for neurite outgrowth assays Scientific reports 2021-12-14 [PMID: 34907283]





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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