

Product Datasheet

Recombinant Human BDNF His Protein NBP2-52006-0.1mg

Unit Size: 0.1 mg

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

www.novusbio.com



technical@novusbio.com

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NBP2-52006-0.1mg

Recombinant Human BDNF His Protein

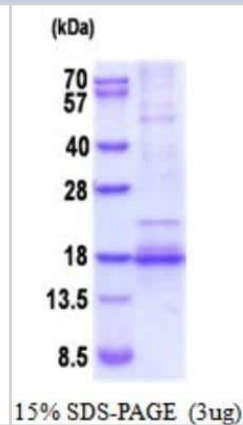
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>85%, by SDS-PAGE
Buffer	20 mM Tris-HCl buffer (pH 8.0), 10% glycerol
Target Molecular Weight	15.8 kDa

Product Description	
Description	A denatured recombinant protein with a N-Terminal His-tag and corresponding to the amino acids 129-247 of Human BDNF Source: <i>E.coli</i> Amino Acid Sequence: MGSSHHHHHH SGLVPRGSH MHSDPARRGE LSVCDISEW VTAADKKTAV DMSGGTVTVL EKVPVSKGQL KQYFYETKCN PMGYTKEGCR GIDKRHWNSQ CRTTQSYVRA LTMDSKKRIG WRFIRIDTSC VCTLTIKRGR
Gene ID	627
Gene Symbol	BDNF
Species	Human

Product Application Details	
Applications	SDS-Page
Recommended Dilutions	SDS-Page
Application Notes	Denatured protein is most likely not the best option for functional studies. It is better suited for Western Blot (WB) or imaging assays.

Images

SDS-Page: Recombinant Human BDNF Protein [NBP2-52006]



Publications

Manuella Martins, Silvia Galfrè, Marco Terrigno, Luca Pandolfini, Irene Appolloni, Keagan Dunville, Andrea Marranci, Milena Rizzo, Alberto Mercatanti, Laura Poliseno, Francesco Morandin, Marco Pietrosanto, Manuela Helmer-Citterich, Paolo Malatesta, Robert Vignali, Federico Cremisi A eutherian-specific microRNA controls the translation of *Satb2* in a model of cortical differentiation *Stem Cell Reports* 2021-05-20 [PMID: 34019815]

Dunville K, Tonelli F, Novelli E et al. Laminin511 and WNT signalling sustain prolonged expansion of hiPSC-derived hippocampal progenitors *Development (Cambridge, England)* 2022-08-19 [PMID: 35993299] (BA)

Details:

NPC differentiation, 20ng/ml used





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

Products Related to NBP2-52006-0.1mg

NBP2-55052PEP	BDNF Recombinant Protein Antigen
233-FB-025	FGF basic/FGF2/bFGF [Unconjugated]
248-BDB-050	BDNF [Unconjugated]
212-GD-010	GDNF [Unconjugated]

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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