

Product Datasheet

Recombinant Human Noggin Protein NBP2-35079-5ug

Unit Size: 5ug

Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Publications: 2

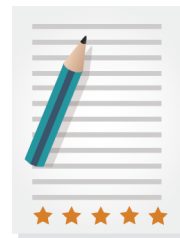
Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-35079

Updated 1/25/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP2-35079



NBP2-35079-5ug

Recombinant Human Noggin Protein

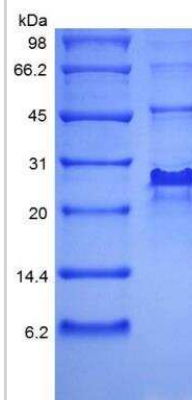
Product Information	
Unit Size	5ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	No Preservative
Reconstitution Instructions	Recommended to centrifuge prior to opening. Reconstitute in 10mM HAc to a concentration of 0.1-1.0mg/mL.
Purity	>95%, by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in 30 % acetonitrile, 0.1 % TFA.
Target Molecular Weight	46.3 kDa

Product Description	
Description	A recombinant non-disulfide-linked homodimer consisting of two 206 amino acid polypeptide chains corresponding to Noggin Source: <i>E. coli</i> Uniprot ID: Q13253 Amino Acid Sequence: MQHYLHIRPA PSDNLPLVDL IEHPDPIFDP KEKDLNETLL RSLGHHYDP GFMATSPPED RPPGGGGGAAG GAEDLAELDQ LLRQRPSGAM PSEIKGLEFS EGLAQGKKQR LSKKLRRKLQ MWLWSQTFCP VLYAWNDLGS RFWPRYVKVG SCFSKRSCSV PEGMVCKPSK SVHLTVLRWR CQRRGGQRCG WIPIQYPIIS ECKCSC
Gene ID	9241
Gene Symbol	NOG
Species	Human
Details of Functionality	Noggin protein is fully biologically active when compared to standard. The ED50 as determined by inhibiting BMP-4- induced alkaline phosphatase production of murine ATDC5 cells is less than 3.0 ng/ml, corresponding to a specific activity of > 3.3 x 10 ⁵ IU/mg in the presence of 5 ng/ml rHuBMP-4.
Endotoxin Note	Less than 1 EU/ug of Noggin as determined by LAL method.

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

Images

SDS-Page: Recombinant Human Noggin Protein [NBP2-35079] - man
Noggin Protein [NBP2-35079]



Publications

Fei Xiao, Hong Qiu, Ling Zhou, Xiaokun Shen. WSS25 inhibits Dicer, downregulating microRNA-210, which targets Ephrin-A3, to suppress human microvascular endothelial cell (HMEC-1) tube formation. *Glycobiology* 2013-05-01 [PMID: 23322395]

Wang S., Zhou G., Shu G. et al. Glucose Utilization, Lipid Metabolism and BMP-Smad Signaling Pathway of Porcine Intramuscular Preadipocytes Compared with Subcutaneous Preadipocytes. *Cell Physiol Biochem* 2013-01-01 [PMID: 23860035]



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 NBP2-35079-5ug

NBP2-35098-5ug	Recombinant Mouse Noggin Protein
233-FB-025	FGF basic/FGF2/bFGF [Unconjugated]
6057-NG-025	Noggin [Unconjugated]
314-BP-010	BMP-4 [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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-35079

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

