

Product Datasheet

Recombinant Mouse Desert Hedgehog C23II Protein NBP2-35175-5ug

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: 1

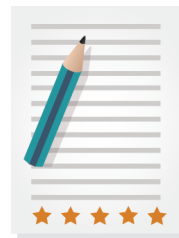
Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-35175

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/NBP2-35175



NBP2-35175-5ug

Recombinant Mouse Desert Hedgehog C23II Protein

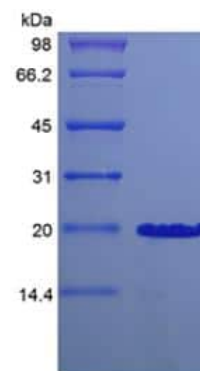
Product Information	
Unit Size	5ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	No Preservative
Reconstitution Instructions	Recommended to centrifuge prior to opening. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0mg/mL.
Purity	> 98 % pure by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in PBS, pH 7.4, 1 mM DTT, 0.05 % Tween-80.
Target Molecular Weight	20.0 kDa

Product Description	
Description	A single non-glycosylated polypeptide chain containing 177 amino acids corresponding to Desert Hedgehog C23II Source: <i>E. coli</i> Uniprot ID: Q61488 Amino Acid Sequence: IIGPGRGPVG RRRYVRKQLV PLYKQFVPS MPERTLGASG PAEGRVTRGS ERFRDLVPNY NPDIIFKDEE NSGADRLMTE RCKERVNALA IAVMNMWPGV RLRVTEGWDE DGHHAQDSLH YEGRALDITT SDRDRNKYGL LARLAVEAGF DWVYYESRNH IHVSVKADNS LAVRAGG
Gene ID	50846
Gene Symbol	DHH
Species	Mouse
Details of Functionality	Desert Hedgehog C23II protein is fully biologically active when compared to standard. The ED50 as determined by its ability to induce alkaline phosphatase production by murine MC3T3E1 cells is 5-20 ug/ml.
Endotoxin Note	Less than 0.1 EU/ug of Desert Hedgehog C23II as determined by LAL method.

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

Images

SDS-Page: Mouse Desert Hedgehog C23II Protein [NBP2-35175]



Publications

Fulmer D, Toomer KA, Glover J et al. Desert Hedgehog-Primary Cilia Cross Talk Shapes Mitral Valve Tissue by Organizing Smooth Muscle Actin *Dev. Biol.* 2020-03-06 [PMID: 32151560]



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 NBP2-35175-5ug

NBP2-34949-5ug	Recombinant Human Desert Hedgehog C23II Protein
AF3075	SOX9 Antibody [Unconjugated]
AF3690	GLI-3 Antibody
464-SH-025	Sonic Hedgehog/Shh [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/NBP2-35175

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

