

# Product Datasheet

## Recombinant Human Indian Hedgehog/Ihh C28II Protein NBP2-35012-5ug

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.

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Updated 1/25/2025 v.20.1

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**NBP2-35012-5ug**

## Recombinant Human Indian Hedgehog/Ihh C28II 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. Apportion stock solutions into working aliquots and store at <-20C.
Purity	>95%, by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in 1 x PBS, 0.02% Tween-20, pH 7.0.
Target Molecular Weight	19.8 kDa

Product Description	
Description	A single non-glycosylated polypeptide chain containing 176 amino acids corresponding to Indian Hedgehog/Ihh <b>Source:</b> <i>E. coli</i>  <b>Uniprot ID:</b> Q14623  <b>Amino Acid Sequence:</b> IIGPGRVVGS RRRPPRKLVP LAYKQFSPNV PEKTLGASGR YEGKIARSSE RFKELTPNYN PDIIFKDEEN TGADRLMTQR CKDRLNSLAI SVMNQWPGVK LRVTEGWDED GHHSEESLHY EGRAVDITTS DRDRNKYGLL ARLAVEAGFD WVYYESKAHV HCSVKSEHSA AAKTGG
Gene ID	3549
Gene Symbol	IHH
Species	Human
Details of Functionality	Indian Hedgehog Protein is fully biologically active when compared to standard. The ED50 as determined by its ability to induce alkaline phosphatase production by C3H10T1/2(CCL-226) cells is 3.0-10 ug/ml.
Endotoxin Note	Less than 1 EU/ug of Indian Hedgehog/Ihh as determined by LAL method.

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



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### **Products Related to NBP2-35012-5ug**

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314-BP-010	BMP-4 [Unconjugated]
AF1705	Indian Hedgehog/Ihh Antibody - N-Terminus
355-BM-010	BMP-2 [Unconjugated]
AF3075	SOX9 Antibody [Unconjugated]

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### **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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