

Product Datasheet

Recombinant Human Sonic Hedgehog/Shh Protein NBP2-35265-5ug

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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NBP2-35265-5ug

Recombinant Human Sonic Hedgehog/Shh Protein

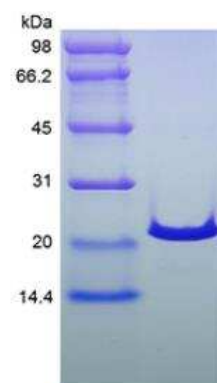
Product Information	
Unit Size	5ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	No Preservative
Reconstitution Instructions	Recommended to centrifuge 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 20 mM PB, pH 7.4, 150 mM NaCl.
Target Molecular Weight	19.8 kDa

Product Description	
Description	A single non-glycosylated polypeptide chain containing 176 amino acids corresponding to Sonic Hedgehog/Shh Source: <i>E. coli</i> Uniprot ID: Q15465 Amino Acid Sequence: IVIGPGRGFG KRRHPKCLTP LAYKQFIPNV AEKTLGASGR YEGKISRNSE RFKELTPNYN PDIIFKDEEN TGADRLMTQR CKDKLNALAI SVMNQWPGVK LRVTEGWDED GHHSEESLHY EGRAVDITTS DRDRSKYGML ARLAVEAGFD WVYYESKAHI HCSVKAENSV AAKSGG
Gene ID	6469
Gene Symbol	SHH
Species	Human
Details of Functionality	Sonic Hedgehog/Shh protein is fully biologically active when compared to standard. The ED50 as determined by inducing alkaline phosphatase production of murine C3H/10T1/2 cells is less than 1 ug/ml, corresponding to a specific activity of > 1.0 x 10 ³ IU/mg
Endotoxin Note	Less than 1 EU/ug of Sonic Hedgehog/Shh as determined by LAL method.

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

Images

SDS-Page: Human Sonic Hedgehog/Shh Protein [NBP2-35265]





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Products Related to NBP2-35265-5ug

NBP2-35174-5ug	Recombinant Mouse Sonic Hedgehog/Shh Protein
314-BP-010	BMP-4 [Unconjugated]
464-SH-025	Sonic Hedgehog/Shh [Unconjugated]
355-BM-010	BMP-2 [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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