

Product Datasheet

Mouse Sonic Hedgehog/Shh Recombinant Protein NBP2-35339-5ug

Unit Size: 5 ug

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

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NBP2-35339-5ug**Mouse Sonic Hedgehog/Shh Recombinant Protein**

Product Information	
Unit Size	5 ug
Concentration	Lyoph
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Reconstitution Instructions	Centrifuge prior to opening. Reconstitute with sterilized PBS or aqueous buffer to a final concentration of 0.1 mg/ml.
Purity	SDS-PAGE
Target Molecular Weight	19.9 kDa

Product Description	
Description	A biologically active protein to SHH. Source: <i>E. coli</i>
Gene ID	6469
Gene Symbol	SHH
Species	Mouse
Preparation Method	Lyophilized from 0.2 mm filtered concentrated solution in 5 mM PBS, pH 5.5, 150 mM NaCl, 0.5 mM DTT.
Details of Functionality	The ED50, as determined by inducing alkaline phosphatase production using murine C3H10T1/2 cells, is less than 300 ng/ml.
Notes	This lyophilized preparation is stable at 2-8 degrees C, but should be kept at -20 degrees C for long term storage, preferably desiccated. Upon reconstitution, the preparation is most stable at -20 to -80 degrees C, and can be stored for one week at 2-8 degrees C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20 degrees C to -80 degrees C. Avoid repeated freeze/thaw cycles.
Endotoxin Note	Less than 1 EU/mg of the rMuSHH as determined by LAL method.

Product Application Details	
Applications	SDS-Page, Bioactivity
Recommended Dilutions	SDS-Page, Bioactivity
Application Notes	Novus Biologicals' NovActive proteins are fully active and stringently purified to provide only the safest and highest efficacy proteins available. NovActive proteins are expressed in <i>E. coli</i> , purified by HPLC, QC tested by SDS-PAGE and Western Blot and validated on appropriate cell lines for bioactivity. All HPLC and bioactivity data is provided for your assurance. NovActive proteins are guaranteed to be greater than 90% pure by HPLC, and contain less than 0.005 EU/ug of endotoxin.



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Products Related to NBP2-35339-5ug

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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