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Datasheet for ABIN7520079 Indian Hedgehog Protein (IHH)

Overview

Quantity:	50 µg
Target:	Indian Hedgehog (IHH)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Purpose:	Recombinant Human IHH Protein
Sequence:	CGPGRVVGSR RRPRLKLVPL AYKQFSPNVP EKTGASGRY EGKIARSSER FKELTPNYNP DIIFKDEENT GADRLMTQRC KDRLNSLAIS VMNQWPGVKL RVTEGWDEDG HHSEESLHYE GRAVDITSD RDRNKYGLLA RLAVEAGFDW VYYESKAHVH CSVKSEHSAA AKTGG
Specificity:	Cys28-Gly202(Cys28Ile-Ile)(N-Met)
Purity:	> 97 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	<1EU/µg

Target Details

Target:	Indian Hedgehog (IHH)
Alternative Name:	IHH (IHH Products)
Background:	Description: By Similarity2 Publications Indian hedgehog protein N-product The dually lipidated indian hedgehog protein N-product is a morphogen which is essential for a variety of patterning

Target Details

events during development.

Name: BDA1, HHG2,IHH

Gene ID: 3549

UniProt: [Q14623](#)

Pathways: [Hedgehog Signaling](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Buffer: Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.

Storage: -20 °C,-80 °C

Storage Comment: Store the lyophilized protein at -20°C to -80°C for 12 months. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.
