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## Datasheet for ABIN7536154 Indian Hedgehog Protein (IHH)

### Overview

Quantity:	100 µg
Target:	Indian Hedgehog (IHH)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

### Product Details

Purpose:	Recombinant Human IHH Protein
Sequence:	CGPGRVVGSR RRPPrKLvPL AYKQFSPNVP EktLGASGRY EGKIARSSER FKELTPNYNP DIIFKDEENT GADRLMTQRC KDRlNSLAIS VMNQWPGVKL RVTEGWDEDG HHSEESLHYE GRAVDITTSd 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 ( <a href="#">IHH Products</a> )
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

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events during development.

Name: BDA1, HHG2,IHH

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Gene ID: 3549

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UniProt: [Q14623](#)

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Pathways: [Hedgehog Signaling](#)

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## Application Details

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Restrictions: For Research Use only

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## Handling

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Format: Lyophilized

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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.

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

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Storage: -20 °C,-80 °C

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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.

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