

# Recombinant Human IHH Protein

Catalog No.: RP01672 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Human	3549	Q14623

### Tags

NO-tag

### Synonyms

BDA1; HHG2□IHH

## Product Information

Source	Purification
<i>E. coli</i>	> 97% by SDS-PAGE.

### Endotoxin

<1EU/μg

### Formulation

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

### 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.

## Contact

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## Background

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 events during development.

## Basic Information

### Description

Recombinant Human IHH Protein is produced by *E. coli* expression system. The target protein is expressed with sequence (Cys28-Gly202(Cys28Ile-Ile)□N-Met□) of human IHH (Accession #NP\_002172.2) fused with no additional amino acid.

### Bio-Activity

### Storage

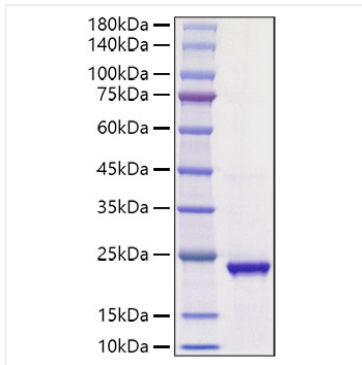
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

## Validation Data

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Recombinant Human IHH Protein was determined by SDS-PAGE with Coomassie Blue, showing bands at 20 kDa.