

(Mouse) Ihh Blocking Peptide (N-term)
Synthetic peptide
Catalog # BP21224a

Specification

(Mouse) Ihh Blocking Peptide (N-term) - Product Information

Primary Accession [P97812](#)

(Mouse) Ihh Blocking Peptide (N-term) - Additional Information

Gene ID 16147

Other Names

Indian hedgehog protein, IHH, HHG-2, Indian hedgehog protein N-product, Indian hedgehog protein C-product, Ihh

Target/Specificity

The synthetic peptide sequence is selected from aa 57-70 of HUMAN Ihh

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

(Mouse) Ihh Blocking Peptide (N-term) - Protein Information

Name Ihh

Function

Intercellular signal essential for a variety of patterning events during development. Binds to the patched (PTC) receptor, which functions in association with smoothed (SMO), to activate the transcription of

(Mouse) Ihh Blocking Peptide (N-term) - Background

Intercellular signal essential for a variety of patterning events during development. Binds to the patched (PTC) receptor, which functions in association with smoothed (SMO), to activate the transcription of target genes. Implicated in endochondral ossification: may regulate the balance between growth and ossification of the developing bones. Induces the expression of parathyroid hormone-related protein (PTHrP).

(Mouse) Ihh Blocking Peptide (N-term) - References

Valentini R.P.,et al.J. Biol. Chem. 272:8466-8473(1997).
Echelard Y.,et al.Cell 75:1417-1430(1993).
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Cellular Location

[Indian hedgehog protein N-product]: Cell membrane; Lipid-anchor; Extracellular side. Note=The N-terminal peptide remains associated with the cell surface. Cell membrane.

Tissue Location

In the embryo, detected in the developing gut, the growth zone of cartilage of developing long bones, epithelium and urogenital sinus. In the adult kidney, found in proximal convoluted and proximal straight tubule

(Mouse) Ihh Blocking Peptide (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)