

(Mouse) Ihh Blocking Peptide (C-term)
Synthetic peptide
Catalog # BP20944c**Specification****(Mouse) Ihh Blocking Peptide (C-term) - Product Information**Primary Accession [P97812](#)**(Mouse) Ihh Blocking Peptide (C-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 397-410 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 (C-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 smoothened
(SMO), to activate the transcription of**(Mouse) Ihh Blocking Peptide (C-term) - Background**Intercellular signal essential for a variety of
patterning events during development. Binds
to the patched (PTC) receptor, which functions
in association with smoothened (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 (C-term) - References**Valentini R.P.,et al.J. Biol. Chem.
272:8466-8473(1997).
Echelard Y.,et al.Cell 75:1417-1430(1993).
St Jacques B.,et al.Submitted (APR-1997) to the
EMBL/GenBank/DDBJ databases.
Chang D.T.,et al.Development
120:3339-3353(1994).

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).

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 (C-term) - Protocols

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

- [Blocking Peptides](#)