



IHH Blocking Peptide (C-term)

Synthetic peptide Catalog # BP21524b

Specification

IHH Blocking Peptide (C-term) - Product Information

Primary Accession <u>Q14623</u>

IHH Blocking Peptide (C-term) - Additional Information

Gene ID 3549

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 248-261 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.

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

IHH Blocking Peptide (C-term) - Background

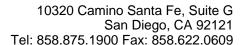
Intercellular signal essential for a variety of patterning events during development. Binds to the patched (PTC) receptor, which functions in association with smoothened (SMO), to activate the transcription of target genes. Implicated in endochondral ossification: may regulate the balance between growth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

IHH Blocking Peptide (C-term) - References

273:14037-14045(1998).

Tate G., et al.J. Biochem. Mol. Biol. Biophys. 4:27-34(2000).

Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases. Marigo V.,et al.Genomics 28:44-51(1995). Chang D.T.,et al.Development 120:3339-3353(1994). Pepinsky R.B.,et al.J. Biol. Chem.





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) (By similarity).

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

Expressed in embryonic lung, and in adult kidney and liver

IHH Blocking Peptide (C-term) - Protocols

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

• Blocking Peptides