

Recombinant Human IHH Protein (Phe240-Gly399), His tagged

Cat. No. IHH-3104H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human IHH (Phe240-Gly399) protein fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Phe240-Gly399
Description	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).
Molecular Mass	19.75 kDa
Purity	>90 % as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.

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Storage Buffer	Supplied as solution form in PBS pH 7.5 or lyophilized from PBS pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	IHH Indian hedgehog [<i>Homo sapiens</i> (human)]
Official Symbol	IHH
Synonyms	IHH; Indian hedgehog; Indian hedgehog (<i>Drosophila</i>) homolog, Indian hedgehog homolog (<i>Drosophila</i>); indian hedgehog protein; BDA1; HHG2; HHG-2; Indian hedgehog homolog;
Gene ID	3549
mRNA Refseq	NM_002181
Protein Refseq	NP_002172
MIM	600726
UniProt ID	Q14623