



Mouse IHH peptide (DAG-P0671)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the hedgehog family of secreted signaling molecules. Hedgehog proteins are essential regulators of a variety of developmental processes including growth, patterning and morphogenesis. The encoded protein specifically plays a role in bone growth and differentiation. Mutations in this gene are the cause of brachydactyly type A1 which is characterized by shortening or malformation of the phalanges. Mutations in this gene are also the cause of acrocapitofemoral dysplasia. [provided by RefSeq, Feb 2010]
Specificity	Expressed in embryonic lung, and in adult kidney and liver.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the hedgehog family.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	IHH indian hedgehog [Homo sapiens (human)]
Official Symbol	IHH
Synonyms	IHH; indian hedgehog; BDA1; HHG2; indian hedgehog protein; HHG-2; Indian hedgehog homolog;
Entrez Gene ID	3549

mRNA Refseq	NM_002181.3
Protein Refseq	NP_002172.2
UniProt ID	Q14623
Chromosome Location	2q33-q35
Pathway	Class B/2 (Secretin family receptors), organism-specific biosystem; Endochondral Ossification, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; Hedgehog Signaling Pathway, organism-specific biosystem; Hedgehog signaling pathway, organism-specific biosystem; Hedgehog signaling pathway, conserved biosystem; Signal Transduction, organism-specific biosystem; Signaling by GPCR, organism-specific biosystem; Signaling events mediated by the Hedgehog family, organism-specif
Function	calcium ion binding; patched binding; peptidase activity;