

Active Recombinant Human IHH protein(C231I)

Cat. No. IHH-656H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IHH protein(C231I)(Q14623)(28-202 aa) was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	28-202 aa
Form	Lyophilized from a 0.2 µ filtered concentrated solution in 1 × PBS with 0.02% Tween-20, pH 7.0.
Bio-activity	Fully biologically active when compared to standard. The ED50 as determined by its ability to induce alkaline phosphatase production by C3H10T1/2(CCL-226) cells is 3.0-10 µg/ml.
Molecular Mass	Approximately 19.8 kDa, a single non-glycosylated polypeptide chain containing 176 amino acids.
AASequence	IIGPGRVVGS RRRPPRKLVP LAYKQFSPNV PEKTLGASGR YEGKIARSSE RFKELTPNYN PDIIFKDEEN TGADRLMTQR CKDRLNSLAI SVMNQWPGVK LRVTEGWDED GHHSEESLHY EGRAVDITTS DRDRNKYGLL ARLAVEAGFD WVYYESKAHV HCSVKSEHSA AAKTGG
Endotoxin	Less than 1 EU/g of rHuIHH C28II as determined by LAL method.

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Purity	> 96 % by SDS-PAGE and HPLC analyses.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months from date of receipt, -20 to -70 °C as supplied. - 1 month, 2 to 8 °C under sterile conditions after reconstitution. - 3 months, -20 to -70 °C under sterile conditions after reconstitution.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.

GENE INFORMATION

Gene Name	IHH Indian hedgehog [<i>Homo sapiens</i>]
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

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UniProt ID

Q14623

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