Active Recombinant Human DHH

Cat. No. DHH-967H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DHH (Accession # O43323) Cys23-Gly198 (Cys23Ile-Ile), fused with with and without an N-terminal Met, was produced in E. coli.
Species	Human
Source	E.coli
ProteinLength	Cys23-Gly198 (Cys23Ile-Ile)
Predicted N Terminal	Met & Ile-Ile
Form	Lyophilized from a 0.2 μm filtered solution in NaH2PO4, NaCl and DTT .
Bio-activity	Measured by its ability to induce alkaline phosphatase production by C3H10T1/2 mouse embryonic fibroblast cells. Nakamura, T. et al. (1997) Biochem. Biophys. Res. Commun. 237:465.The ED50 for this effect is typically 15 - 45 μg/mL.
Molecular Mass	Recombinant Human DHH, Met-tagged has a calculated MW of 20 kDa.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

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GENE INFORMATION

Gene Name	DHH desert hedgehog [Homo sapiens]
Official Symbol	DHH
Synonyms	DHH; desert hedgehog; desert hedgehog (Drosophila) homolog; desert hedgehog protein; HHG 3; MGC35145; mutant desert hedgehog; desert hedgehog homolog; GDXYM; HHG-3; SRXY7;
Gene ID	50846
mRNA Refseq	NM_021044
Protein Refseq	NP_066382
MIM	605423
UniProt ID	O43323
Chromosome Location	12q13.1

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