

Recombinant Human PTHLH Protein, His-tagged

Cat. No. PTHLH-666H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PTHLH, transcript variant 3, fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	The protein encoded by this gene is a member of the parathyroid hormone family. This hormone, via its receptor, PTHR1, regulates endochondral bone development and epithelial-mesenchymal interactions during the formation of the mammary glands and teeth. It is responsible for most cases of humoral hypercalcemia of malignancy, and mutations in this gene are associated with brachydactyly type E2 (BDE2). Alternatively spliced transcript variants have been found for this gene. There is also evidence for alternative translation initiation from non-AUG (CUG and GUG) start sites, downstream of the initiator AUG codon, resulting in nuclear forms of this hormone.
Form	25mM Tris, pH8.0, 150 mM NaCl, 10% glycerol, 1 % Sarkosyl.
Molecular Mass	15.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	PTHLH parathyroid hormone-like hormone [Homo sapiens]
Official Symbol	PTHLH
Synonyms	PTHLH; parathyroid hormone-like hormone; parathyroid hormone-related protein; HHM; osteostatin; PLP; PTHR; PTHRP; PTH-rP; PTH-related protein; parathyroid hormone-like related protein; BDE2; MGC14611;
Gene ID	5744
mRNA Refseq	NM_002820
Protein Refseq	NP_002811
UniProt ID	P12272

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