

Recombinant Human PTHLH Protein, His tagged

Cat. No. PTHLH-322H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PTHLH Protein (25-177 aa) with His tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	25-177 aa
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.
Molecular Mass	19 kDa
AA Sequence	RSVEGLSRRLKRAVSEHQLLHDKGKSIQDLRRRFFLHHLIAEIHTAEIRATSEVSPNS KPSPNTKNHPVRFGSDDEGRYLTQETNKVETYKEQPLKTPGKKKKGKPGKRKEQE KKKRRTRSAWLDSGVTGSGLEGDHLSDTSTTSLELDSRRHHHHHHHHHHHH

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Endotoxin	<1.0 EU/μg of the protein by the LAL method.
Purity	> 80% by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Sterile PBS, pH 7.4
Concentration	0.1 mg/mL by BCA

GENE INFORMATION

Gene Name	PTHLH parathyroid hormone-like hormone [Homo sapiens (human)]
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
MIM	168470
UniProt ID	P12272

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