

Recombinant Mouse Pthlh Protein, Myc/DDK-tagged

Cat. No. Pthlh-5226M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length parathyroid hormone-like peptide (Pthlh), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes a member of the parathyroid family of hormones that possesses distinct paracrine and intracrine signaling roles such as regulation of circulating calcium, transplacental calcium transport, osteoclast inhibition, renal bicarbonate excretion and regulation of apoptosis. The encoded protein undergoes proteolytic processing to generate multiple active peptides with distinct signaling functions. The homozygous deletion of this gene leads to death shortly after birth with a chondrodystrophic phenotype characterized by premature chondrocyte differentiation and accelerated bone formation.
Molecular Mass	20.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

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Concentration >50 µg/mL as determined by microplate BCA method

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Pthlh](#) parathyroid hormone-like peptide [*Mus musculus* (house mouse)]

Official Symbol [Pthlh](#)

Synonyms PTHLH; parathyroid hormone-like peptide; parathyroid hormone-related protein; PLP; PTH-rP; PTH-related peptide; parathyroid hormone-like hormone; parathyroid hormone-like protein; parathyroid hormone-related peptide; Pthrp; PTH-like

Gene ID [19227](#)

mRNA Refseq [NM_008970](#)

Protein Refseq [NP_032996](#)

UniProt ID [Q540C1](#)

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