

Product datasheet for **TP723372**

Parathyroid hormone related protein (PTH LH) (NM_002820) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human parathyroid hormone-like hormone (PTH LH), transcript variant 2.
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	AVSEHQLLHD KGKSIQDLRR RFFLHHLIAE IHTAEIRATS EVSPNSKPSP NTKNHPVRFG SDDEGRYLTQ ETNKVETYKE QPLKTP
Tag:	Tag Free
Predicted MW:	9.8 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 μ M filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
Endotoxin:	Endotoxin level is < 0.1 ng/ μ g of protein (< 1 EU/ μ g)
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_002811
Locus ID:	5744
UniProt ID:	P12272 , Q53XY9
RefSeq Size:	1881
Cytogenetics:	12p11.22
RefSeq ORF:	525
Synonyms:	BDE2; HHM; PLP; PTHR; PTHRP



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Summary:

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. [provided by RefSeq, Nov 2013]

Protein Families:

Druggable Genome, Secreted Protein

Product images: