

## Product datasheet for **SC211954**

### Parathyroid hormone related protein (PTH LH) (NM\_002820) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** Parathyroid hormone related protein (PTH LH) (NM\_002820) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** PTH LH  
**Synonyms:** BDE2; HHM; PLP; PTHR; PTHRP  
**ACCN:** NM\_002820  
**Insert Size:** 1053 bp  
**Insert Sequence:** >SC211954 3'UTR clone of NM\_002820  
The sequence shown below is from the reference sequence of NM\_002820. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ACAACGTCGCTGGAGCTCGATTACGGTAAACAGGCTTCTCTGGCCGTAGCCTCAGCGGGTGTCTCA
GCTGGGTTTTGGAGCCTCCCTTCTGCCTGGCTTGGACAAACCTAGAATTTTCTCCCTTTATGTATCTC
TATCGATTGTGTAGCAATTGACAGAGAATAACTCAGAATATTGTCTGCCTTAAAGCAGTACCCCTAC
CACACACACCCCTGTCTCCAGCACCATAGAGAGGCGCTAGAGCCATTCTCTTCTCCACCGTCACC
CAACATCAATCCTTTACCACTCTACAAATAATTTTATATTCAAGCTTCAAGAGCTAGTGACCATCTTC
ATAATTTGCTGGAGAAGTGTGTTTCTTCCCTTACTCTCACACCTGGGCAAACCTTCTTCAAGTGTGTTT
CATTTCTACGTTCTTCACTTCAAGGGAGAATATAGAAGCATTGATATTATCTACAAACTGCAGA
ACAGCATCATGTCATAAACGATTCTGAGCCATTCACACTTTTTATTTAATTAATGATTTAATTAAT
CTCAAATTTATTTAATGTAAGAAGTAAATTTATGTTTTAAACACATGCCTTAAATTTGTTAATTA
ATTTAACTCTGGTTTCTACCAGCTCATAAAAATAAATGGTTTCTGAAAATGTTAAGTATTAACCTAC
AAGGATATAGGTTTTCTCATGTATCTTTTGTTCATTGGCAAGATGAAAATAATTTTCTAGGGTAATG
CCGTAGGAAAAATAAACTTACATTTATGTGGCTTGTATCCTTAGCTCACAGATTGAGGTAATAAT
GACACTCTAGACTTTGGGATCAAATAACTTAGGGCAAGTCTTGGGTCTGAATTTATTTAAGTTTACA
ACCTAGGGCAAGTTACTCTGCCTTTCTAAGACTCACTTACATCTTCTGTGAAATATAATTTGACCAACC
TCATAGAGTTTGGTGTCAACTAAATGAGATTATATGTGGACTAAATATCTGTCATATAGTAAACACTCA
ATAAATTGCAACATATTA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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**Restriction Sites:** SgfI-MluI



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<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
<b>Components:</b>	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
<b>RefSeq:</b>	<u><a href="#">NM_002820.3</a></u>
<b>Summary:</b>	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]
<b>Locus ID:</b>	5744
<b>MW:</b>	40.5