

Product datasheet for MR201519

Pthlh (NM_008970) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pthlh (NM_008970) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Pthlh
Synonyms: PLP; Pt; PTH-I; PTH-like; Pthrp
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR201519 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTGCGGAGGCTGGTTCAGCAGTGGAGTGTCTGGTATTCCTGCTCAGCTACTCCGTGCCCTCCCGG
 GGCGTTTCGGTGGAGGGCTTGGCCGAGGCTCAAACGCGTGTGTCTGAACATCAGCTACTGCATGACAA
 GGGCAAGTCCATCAAGACTTGCGCCCGTTTCTTCTCCACCATCTGATCGCGGAGATCCACACAGCC
 GAAATCAGAGCTACCTCGGAGGTGTCCCAACTCCAACTGCTCCCAACCAAAAACACCCCGTGC
 GGTGGGTGAGCAGATGAGGGCAGATACCTAACTCAGGAAACCAACAAGGTGGAGACGTACAAAGAACA
 GCCACTCAAGACACCCGGGAAGAAGAAGCAAGCCTGGGAAACGCAGAGAACAGGAGAAAAAGAAG
 CGAAGGACTCGGTCTGCCTGGCCAAGCACAGCTGCGAGTGGCCTGCTTGAGGACCCCTGCCACACCT
 CCAGGACCTCGTGGAGCCAGCTTAAGGACGCAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR201519 protein sequence
 Red=Cloning site Green=Tags(s)

MLRRLVQQWSVLVFLLSYVPSRGRSVEGLGRRLKRAVSEHQLLHDKGKSIQDLRRRFFLHHLIAEIH
 TAEIRATSEVSPNSKPAPNTKNHPVRFQSDDEGRYLTQETNKVETYEQPLKTPGKKKKGKPGKRRQEK
 KRTRSAWPSTAASGLLEDPLPHTSRTSLEPSLRTH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

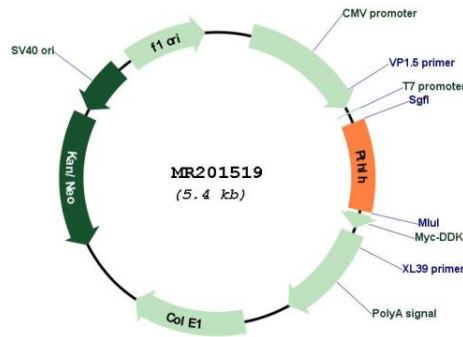
Restriction Sites: Sgfl-MluI



Gene Summary:

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. [provided by RefSeq, Jul 2015]

Product images:



Circular map for MR201519