

Product datasheet for RC223709L4V

OriGene Technologies, Inc.

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Parathyroid hormone related protein (PTHLH) (NM_198965) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: Parathyroid hormone related protein (PTHLH) (NM_198965) Human Tagged ORF Clone

Lentiviral Particle

Symbol: Parathyroid hormone related protein

Synonyms: BDE2; HHM; PLP; PTHR; PTHRP

Mammalian Cell

Selection:

Puromycin

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

Tag: mGFP

ACCN: NM_198965

ORF Size: 531 bp

ORF Nucleotide

Sequence:

The ORF insert of this clone is exactly the same as(RC223709).

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of

reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

RefSeq: <u>NM 198965.1</u>

 RefSeq Size:
 1331 bp

 RefSeq ORF:
 534 bp

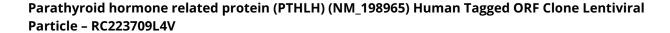
 Locus ID:
 5744

 UniProt ID:
 P12272

Cytogenetics: 12p11.22

Protein Families: Druggable Genome, Secreted Protein







MW: 16 kDa

Gene 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]