

Product datasheet for **SC217263**

PLEKHM1 (NM_014798) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PLEKHM1 (NM_014798) Human 3' UTR Clone
Symbol:	PLEKHM1
Synonyms:	AP162; B2; OPTA3; OPTB6
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_014798
Insert Size:	1988 bp



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Insert Sequence:

>SC217263 3'UTR clone of NM_014798

The sequence shown below is from the reference sequence of NM_014798. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAGTACCAGGAACAGAACATTTTCGCCATGATGCCCATCTGCTGACCCCGCTCTGAAAGCCGGGGTGAG
TGTGGCTCAGCCATCCCGGCTGGGTTTGCATCAGCCAGGATACTCACCGTGTACAGCTGTGTCCCC
TTGTCAGGAAGACCCCTCAGATGTGGCCAGAGCACCAGCCCTCCAGAGAAAGCCAGGAAGTCCCCGTGG
TGTCCCCGTCGCCCTCCCCCACCCTCTGCTGCAGGAGGCGTGGCCACCACCAGATGCTCCCTGTCTGG
GGCAGGCAGGGCCGTTTACTCACCAGGCCCTGGCTCACCAGCGTCCCGGCGCCTCCGTTAGGGCTGCC
AAACACTGTGAAAGGGGACTTGGGGAGCATTTCATTCACATTCTGATTAAGGTTAGTATTTT
TAAGTGGGTTTTTCCATTCATATTTCAACAGAAAGTATTTTTTATTCTTGACCCTACGTGAGTCAC
CCATGAAATCCAGACATTCTCACCAGCGGATGCACAGGAGCCACTCAGGCCTGGCTTAGAGGTAGC
GGGTGGCTGGTGGCAGGCCACTGCTGGACAGGGTCTATGGGCCACCCAGTGCCTTCCCTGGCCCT
CACTGCCAGTGCCAAACCGCCCTCAGCAGGGCAGGGCCAGTCCCTGGCGACCCCGGTTCCCTGTGTCC
TCTTTACTCCCCACCCAGTGCCTCTCGCTGCTGAGCCACCGCTTCTCAGCGTCAGAGCCCTAGC
TCTTCTAGCCTGGGGCCTTGGCCCATAGGAGAAGGAGAAATGACTGAAACCAGCACTGTCAGCA
CTTTGAGCCCTCCTCGGTTTATGGAGGGTGCCTGCTTGGCCACCCCGATCCCGTGGCCTCCTCACC
CCTCTACAGACAGGGGCGCTGCTGCAGATGCTCCAGGCCACCTTGGTGGTGGCCGGGGTCACTCT
CTGCTGACTGACCCCTGCCAGGGCACAGATAGGCAGGACCCAGAGAGGGCAGGCAGCCACGCCCTGC
ACTGTGGAGAAGTGACCTGGTCCTAAGCTGTGCAGGGCGTGGGGGAACTGCCCTGGATGCAGCCA
CCACCTCACAAGCCATGAATTCCAAAGCATCACTGAACTTGCCAGCCGGGACACTGGAGACTGAAG
AAGTCCCGGAGCAGGACTGCCTTTGAAGGGCCTTGGGGTGGGGTGGAGTCTGGAATTGTTTTCA
AAGTATGGTGCAGACCTCCAGGCTTGGGGAAATGTGGGTTTGTGGTCTCTGTGCGCTTCCCCCA
CCTCTCTGGACCTAGCAGGCCCTCAGTCTAGTGTCTTACCTGCGCTCAGCTTGGAGTCAAGCCCTCA
GGTGGAGAGCCGATGCTACTGTCAGAGATGAGCCACCCACCCCTTCCCTGGGGGCGATTAGCTGCT
GAGTCAACCACCCAGCCTTGGAGCTGGATGCCTGTGCAGCAGAACAGAGGCAACGGTGGCAGGCAGGTG
GAGGCTGCGCACAGCTTCTCCCGTTCATGGCACACCTGTGCCAGACGCCAATGCCTCCTAAGCCAG
GAGCTGGGTTATGCACCCCATGGCCACATTAACGCTCCACCACAAGCCAGCCTAGTCAGAGCCCTC
ATTGCCCATCCCTGAGTGGCAGGAGCCTGGCCTGGGGAGGGCTTGGGCTGTGAGGATTCTCCCGA
AGGTGCCCTCGGAGGCAGCAGGTTTGGGCCCTGGGGGGCCGTTCCCGAAGCTGCCAGTGTCTTCA
GATGCATTGACTTCCCGCCTCCCTCCCTCAGAAAGGTAGTGGCCACACTATTTTTAAATGTTATT
TTATGCAATACACTGTTCTAGTGCAGGAGCTTGGCCCTGAGGAGTCTTTGCAATGTATTGAAGGAA
TTGCTGCCGTGTGAGTTTTGAATGATTTTGCAGTAAAGACCTGATCTTTCTCATCA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
    
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Restriction Sites:

SgfI-MluI

OTI Disclaimer:

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).

Components:

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.

RefSeq:

[NM_014798.3](#)

Summary: The protein encoded by this gene is essential for bone resorption, and may play a critical role in vesicular transport in the osteoclast. Mutations in this gene are associated with autosomal recessive osteopetrosis type 6 (OPTB6). Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Sep 2009]

Locus ID: 9842

MW: 71.9