

## Product datasheet for **RC208984**

### PELP1 (NM\_014389) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	PELP1 (NM_014389) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	PELP1
Synonyms:	MNAR; P160
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC208984 representing NM_014389 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCGGCAGCCGTTCTGAGTGGGCCCTCTGCGGGCTCCGCGGCTGGGGTTCCTGGCGGGACCGGGGGTCTCTCGGCAGTGAGCTCGGGCCCGCGGCTCCGCCTGCTGCTGCTGGAGAGTGTTCGTGGTTGCTGCAACC  
TCGAACGGGGTCTGCCGTTGCTCCGGTGCATCCCCAAACCGCTCGGCCACATTTGCCGGGCTCATG  
TGCCATTGCGGCTGCATGGGTGGTGGCGGGGCCAGAACCTTCAGCTCTGGGGCATTGGTGAGTC  
TCAGTAATGCACGTCTCAGTTCATCAAACTCGGTTTGAGGGCCTGTGTCTGCTGTCCCTGCTGGTAGG  
GGAGAGCCCCACAGAGCTATTCCAGCAGCACTGTGTGTCTGGCTTCGGAGCATTACAGCAGGTGTTACAG  
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GTCAGTAGCAAGAATATTAGCTTGCATGGAGATGGTCCCCTGCGGCTGCTGCTGCTGCCCTATCCACC  
TTGAGGCCTTGACCTGCTGTCTGCACTCATCCTCGCGTGTGGAAGCCGGCTCTTGCGCTTTGGGATCCT  
GATCGGCCGCTGCTTCCCAGGTCCTCAATCCTGGAGCATCGGTAGAGATTCCCTCTCCAGGCCAG  
GAGAGGCCTTACAGCACGGTTCGACCAAGGTGTATGCGATATTAGAGCTGTGGGTGCAGGTTTGTGGG  
CCTCGGGGGAATGCTTCAGGGAGGAGCCTCTGGAGAGGCCCTGCTCACCCACCTGCTCAGCGACATCTC  
CCGCCAGCTGATGCCCTTAAGCTGCGTAGCCCGGGGGAGCCCTGATGGGAGTTGCAGACTGGGAAG



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CCTAGCGCCCCAAGAAGCTAAAGCTGGATGTGGGGGAAGCTATGGCCCCGCAAGCCACCGGAAAAGGGG  
ATAGCAATGCCAACAGCGACGTGTGTGCGGCTGCACTCAGAGGCCTCAGCCGGACCATCCTCATGTGTGG  
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CTGAGGCCCATCGCCCTTCAGGGCCCCACCGTTCCATCCTCCGGGCCCATGCCCTCAGTGGGCTCCAT  
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GGACCTCCCACCACAGCCAACCACCTAGGCCTTTCTGTCCAGGCCTAGTGTCTGTCCCTCCCCGGCTTC  
TTCCTGGCCCTGAGAACCACCGGCAGGCTCAAATGAGGACCCCATCCTTGCCCCAGTGGGACTCCCCC  
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GGCTGCTTTTGAAGTGAGGAGCCAGGGACGGAGGAGGAGCGTGGGGCTGACACAGCTCCACCCCTGGC  
CCCTGAAGCGCTCCCTCCAGGGAGAGGTGGAGAGGGAAGGGAAAGCCCTGCGGCAGGGCCCCCTCC  
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ACAAGGTGCAGCCCCACCAGAGACACCTGCAGAAGAAGAGATGGAGACAGAGACAGAGGCCGAAGCTCT  
CCAGGAAAAGGAGCAGGATGACACAGCTGCCATGCTGGCCGACTTCATCGATTGTCCCCCTGATGATGAG  
AAGCCACCACCTCCACAGAGCCTGACTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



**OTI Disclaimer:** Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

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.

**Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

**RefSeq:** [NM\\_014389.3](#)

**RefSeq Size:** 3688 bp

**RefSeq ORF:** 3393 bp

**Locus ID:** 27043

**UniProt ID:** [Q8IZL8](#)

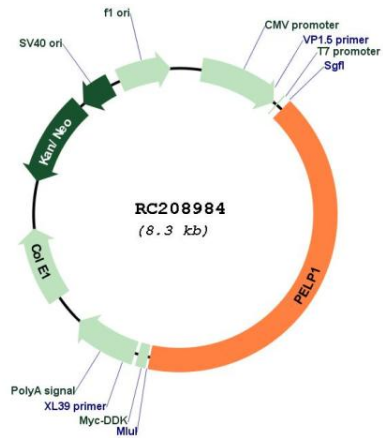
**Cytogenetics:** 17p13.2

**Protein Families:** Druggable Genome, Stem cell - Pluripotency

**MW:** 120.1 kDa

**Gene Summary:** This gene encodes a transcription factor which coactivates transcription of estrogen receptor responsive genes and corepresses genes activated by other hormone receptors or sequence-specific transcription factors. Expression of this gene is regulated by both members of the estrogen receptor family. This gene may be involved in the progression of several types of cancer. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2013]

Product images:



Circular map for RC208984