

## Product datasheet for **RG208984**

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

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** PELP1 (NM\_014389) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** PELP1  
**Synonyms:** MNAR; P160  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG208984 representing NM\_014389  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

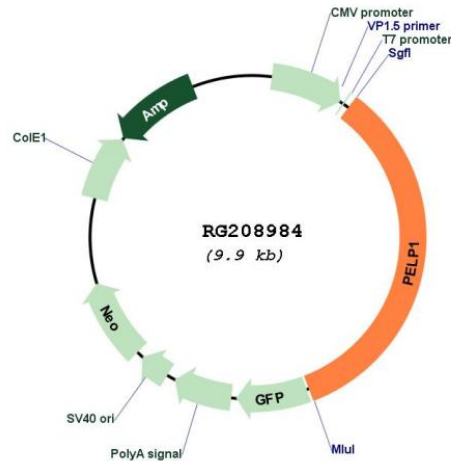
ATGGCGGCAGCCGTTCTGAGTGGGCCCTCTGCGGGCTCCGCGGCTGGGGTTCCTGGCGGGACCGGGGGTCT  
 TCTCGGCAGTGAGCTCGGGCCCGCGGCTCCGCCTGCTGCTGCTGGAGAGTGTTCCTGGTTTGTGCAACC  
 TCGAACGGGGTCTGCCGTTGCTCCGGTGCATCCCCAAACCGCTCGGCCACATTTGCCGGGCTCATG  
 TGCCATTGCGGCTGCATGGGTGGTGGCGGGGCCAGAACCTTCAGCTCTGGGGCATTGGTGAGTC  
 TCAGTAATGCACGTCTCAGTTCATCAAACTCGGTTTGAGGGCCTGTGTCTGCTGTCCCTGCTGGTAGG  
 GGAGAGCCCCACAGAGCTATTCCAGCAGCACTGTGTGTCTGGCTTCGGAGCATTACAGCAGGTGTTACAG  
 ACCCAGGACCCGCTGCCACAATGGAGCTGGCCGTGGCTGTCTGAGGGACCTCCTCCGATATGCAGCCC  
 AGCTGCCTGCACTGTTCCGGGACATCTCCATGAACCACCTCCCTGGCCTTCTCACCTCCCTGCTGGGCCCT  
 CAGGCCAGAGTGTGAGCAGTCAGCATTGGAAGGAATGAAGGCTTGTATGACCTATTTCCCTCGGGCTTGT  
 GGTTCTCTCAAAGGCAAGCTGGCCTCATTTTTCTGTCTAGGGTGGATGCCTTGAGCCCTCAGCTCCAAC  
 AGTTGGCCTGTGAGTGTATTCCCGCTGCCCTTTAGGGGCTGGCTTTCCCAAGGCCTGAAGCACAC  
 CGAGAGCTGGGAGCAGGAGCTACACAGTCTGCTGGCCTCACTGCACACCCTGCTGGGGCCCTGTACGAG  
 GGAGCAGAGACTGCTCCTGTGCAGAATGAAGCCCTGGGGTGGAGATGCTGCTCCTCAGAAGATGGTG  
 ATGCCCATGTCCTTCTCCAGCTTCGGCAGAGGTTTTCGGGACTGGCCCGCTGCCTAGGGCTCATGCTCAG  
 CTCTGAGTTTGGAGCTCCCGTGTCCGTCCTGTGCAGGAAATCCTGGATTCATCTGCCGACCCTCAGC  
 GTCAGTAGCAAGAATATTAGCTTGCATGGAGATGGTCCCCTGCGGCTGCTGCTGCTGCCCTATCCACC  
 TTGAGGCCTTGGACCTGCTGTCTGCACTCATCCTCGCGTGTGGAAGCCGGCTCTTGCGCTTTGGGATCCT  
 GATCGGCCGCTGCTTCCCAGGCTCCTCAATCCTGGAGCATCGGTAGAGATTCCCTCTCCAGGCCAG  
 GAGAGGCCTTACAGCACGGTTCGACCAAGGTGTATGCGATATTAGAGCTGTGGGTGCAGGTTTGTGGG  
 CCTCGGGGGAATGCTTCAGGGAGGAGCCTCTGGAGAGGCCCTGCTCACCCACCTGCTCAGCGACATCTC  
 CCCGCCAGCTGATGCCCTTAAGCTGCGTAGCCCGGGGGAGCCCTGATGGGAGTTTGCAGACTGGGAAG



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**Plasmid Map:**


**ACCN:** NM\_014389

**ORF Size:** 3540 bp

**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:	<a href="#">NM_014389.3</a>
RefSeq Size:	3688 bp
RefSeq ORF:	3393 bp
Locus ID:	27043
UniProt ID:	<a href="#">Q8IZL8</a>
Cytogenetics:	17p13.2
Protein Families:	Druggable Genome, Stem cell - Pluripotency
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]