

Product datasheet for **SC337654**

PELP1 (NM_001278241) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PELP1 (NM_001278241) Human Untagged Clone
Tag:	Tag Free
Symbol:	PELP1
Synonyms:	MNAR; P160
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001278241, the custom clone sequence may differ by one or more nucleotides

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ATGGAGCTGGCCGTGGCTGTCCTGAGGGACCTCCTCCGATATGCAGCCCAGCTGCCTGCACTGTTCCGGG
ACATCTCCATGAACCACCTCCCTGGCCTTCTCACCTCCCTGCTGGGCCTCAGGCCAGAGTGTGAGCAGTC
AGCATTGGAAGGAATGAAGGCTTGTATGACCTATTTCCCTCGGGCTTGTGGTTCTCTCAAAGGCAAGCTG
GCCTCATTTTTCTGTCTAGGGTGGATGCCTTGAGCCCTCAGCTCCAACAGTTGGCCTGTGAGTGTATT
CCCGGCTGCCCTTTTAGGGGCTGGCTTTCCCAAGGCCTGAAGCACACCGAGAGCTGGGAGCAGGAGCT
ACACAGTCTGCTGGCCTCACTGCACACCCTGCTGGGGCCCTGTACGAGGGAGCAGAGACTGCTCCTGTG
CAGAATGAAGGCCCTGGGGTGGAGATGCTGCTGCCTCAGAAGATGGTATGCCATGCTCTTCTCCAGC
TTCGGCAGAGTTTTCGGGACTGGCCCGCTGCCTAGGGCTCATGCTCAGCTCTGAGTTTGGAGCTCCCGT
GTCCGTCCTGTGCAGGAAATCCTGGATTTTCATCTGCCGACCCTCAGCGTCAGTAGCAAGAATATTAGC
TTGCATGGAGATGGTCCCTGCGGCTGCTGCTGCTGCCCTCTATCCACCTTGAGGCCTTGGACCTGCTGT
CTGCACTCATCCTCGCGTGTGGAAGCCGGCTCTTGCCTTTGGGATCCTGATCGGCCGCTGCTTCCCA
GGTCCTCAATTCCTGGAGCATCGGTAGAGATCCCTCTCTCCAGGCCAGGAGAGGCCTTACAGCACGGTT
CGGACCAAGGTGTATGCGATATTAGAGCTGTGGGTGCAGGTTTGTGGGGCCTCGGCGGGAATGCTTCAGG
GAGGAGCCTCTGGAGAGGCCCTGCTCACCCACCTGCTCAGCGACATCTCCCCGCCAGCTGATGCCCTTAA
GCTGCGTAGCCCCGCGGGGAGCCCTGATGGGAGTTTGCAGACTGGGAAGCCTAGCGCCCCAAGAAGCTA
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TCACAGGAGACTGCATGACCTGGTCTCCCTGGTGTACAGCAGGGTGTGAGTCTAGGCAGC
TCCCGTACACGAGCTCCCGCTGCCCGTGAACCTACTGCCTGCTGCTGGCGTGTGCTGCGCTGCTGCG
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CTGCAGCCATGGGCCACCTGCCACACCTGCTCCAGTTCCCTCCTGAGGCCCATCGCCCTTCA
GGGCCCCACCGTCCATCCTCGGGGCCCATGCCCTCAGTGGGCTCCATGCCCTCAGCAGGCCCATGCC
TTCAGCAGGCCCATGCCCTCAGCAGGCCCTGTGCCCTCGGCACGCCCTGGACCTCCACACAGCCAAC
CACCTAGGCCTTCTGTCCAGGCCTAGTGTCTGTCCCTCCCGGCTTCTCCTGGCCCTGAGAACCACC
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AACTTTTGGGGGAGAGTGCCAGACCAGCCTTTGTCCACTATGACAAGGAGGAGGCATCTGATGTGGAG
ATCTCCTTGAAAAGTGACTCTGATGACAGCGTGGTGTGCGCCGAGGGGCTTCCCCCCTGCCACCC
CACCACCTCAGGTGCCACACCACCCCTATAGCCCCACTGGGCCACCAACAGCCTCCCTCCTGTGCC
AGCGAAGGAGGAGCCTGAAGAACTTCTGCAGCCCCAGGGCCTCTCCCGCACCCACCTCCGCCCGC
CCTGTTCTGGTCTGTGACGCTCCCTCCACCCAGTTGGTCCCTGAAGGGACTCCTGGTGGGGAGGAC
CCCCAGCCTGGAAGAGGATTTGACAGTTATTAATATCAACAGCAGTGTGAAGAGGAGGAGGAAGAGGA
AGAAGAGGAAGAAGAAGAAGAGGAAGAAGAGGAAGAGGAGGAAGACTTTGAGGAAGAGGAAGAGGATGAA
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AGTTAGAGGAAGAAGAAGAAGAGGAGGATGAGGAGGAGGAAGAAGAACTGGAAGAGGTGGAGAGGGAAG
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TTGGAAGAGGAGACTGAGGATGGGAGTGACAAGGTGCAGCCCCACAGAGACACCTGCAGAAGAAGAGA
TGGAGACAGAGACAGAGGCCAAGCTCTCCAGGAAAAGGAGCAGGATGACACAGCTGCCATGCTGGCCGA
CTTCATCGATTGTCCCTGATGATGAGAAGCCACCACCTCCACAGAGCCTGACTCCTAG
    
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Restriction Sites: SgfI-MluI
ACCN: NM_001278241

OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:	<ol style="list-style-type: none">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_001278241.1 , NP_001265170.1
RefSeq Size:	3539 bp
RefSeq ORF:	2721 bp
Locus ID:	27043
UniProt ID:	Q8IZL8
Cytogenetics:	17p13.2
Protein Families:	Druggable Genome, Stem cell - Pluripotency
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) differs in its 5' UTR, uses a downstream in-frame start codon, and lacks an alternate in-frame segment in the 3' coding region, compared to variant 1. The encoded isoform (2) is shorter, compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>