

## Product datasheet for **SC312633**

### **PID1 (NM\_017933) Human Untagged Clone**

#### **Product data:**

**Product Type:** Expression Plasmids  
**Product Name:** PID1 (NM\_017933) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** PID1  
**Synonyms:** HMFN2073; NYGGF4; P-CLI1; PCLI1  
**Mammalian Cell Selection:** None  
**Vector:** [pCMV6-XL4](#)  
**E. coli Selection:** Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene ORF sequence for NM\_017933 edited  
ATGCCAAGGATTGCTGGCAACCACCTGATGTTAGAAGAGTCGAGGACATGTTCTTCTCCA  
GAGCTTTTGGATGGTGTGTGGCCCTGCCAACCTTTACATTTTGGACTTCCAGCCTCCGAA  
ATGCACTTTCAGACCATGCTGAAGTCTAAATTGAATGTCTTAACACTGAAAAAGGAACCT  
CTCCCAGCGGTCACTTCCATGAGCCGGAGGCCATTGAGCTGTGCACGACCACACCGCTG  
ATGAAGACAAGGACTCACAGTGGCTGCAAGGTTACCTACCTGGGCAAAGTCTCCACCACT  
GGCATGCAGTTTTTGTGAGGCTGCACAGAAAAGCCAGTCATTGAGCTCTGGAAGAAGCAC  
ACGCTAGCCCCGAGAGGATGCTTTCCGGCCAATGCCCTCCTGAAATCCGGCCATTCCAA  
GTTTGGCTCCATCATCTCGACCACAAAGGGGAGGCCACAGTGCACATGGATACCTCCAG  
GTGGCCCCGCATCGCCTACTGCACCGCCGACCACAACGTGAGCCCCAACATCTTCGCCTGG  
GTCTACAGGGAGATCAATGATGACCTGTCTACCAGATGGACTGCCACGCGTGGAGTGC  
GAGAGCAAGCTCGAGGCCAAGAACTGGCCACGCCATGATGGAGCCTTCAGGAAGACT  
TTCCACAGTATGAAGAGCGACGGGCGGATCCACAGCAACAGCTCCTCCGAAGAGGTTTCC  
CAGGAATTGGAATCCGATGATGGCTGA



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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_017933 unedited GACCTTGGAAATNTGTATACGACTTTCTATAGGCGGCCGCGCAATTCGCACCAGGCGCCTC CTCCTGCTCGCAGCCCCCTACGCCACCCGCGGCGGTGGCCAGCGCCAGGACGCACATC CCGCGGACACCGACCCAGATGTAAAGCGGGACCCAGCCCTCGCCCCCGGCGGATC GACAGTCTCGCCAGCGTCTCCTCTGCCAAAACCCAGGGCTGGAAGATGTGGCAGCCGGCC ACGGAGCGCCTGCAGGAGAGATTTGCAGACACAGAAGCGGCACAGAGAAGGCCATTGTGA AGATCAAGGCAGAAACCGAGTTATGGC/CATCAAGCCAAGGAATGCCAAGGATTGCTGG CAACCACCTGATGTTAGAAGAGTCGAGGACATGTTCTTCCAGAGCTTTTGGATGGTGT GTGGCCCTGCCAACCTTTACATTTTGGACTTCCAGCCTCCGAAATGCACTTTTCAGACCAT GCTGAAGTCTAAATTGAATGTCTTAACACTGAAAAAGGAACCTCTCCAGCGGT/CATCTT CCATGAGCCGGAGGCCATTGAGCTGTGCACGACCACCCGCTGATGAAGACAAGGACTCA CAGTGGCTGCAAGGTTACCTACCTGNGCAAAGTCTCCACCACTGGCATGCAGTTTTTGTG AGGCTGCACAGAAAGCCAGTCATTGAGCTCTGGAAGAGCACACGCTAGCCCGAGAGGAT GTCTTTNCGGCCAATGCCCTCCTGGNAATCNCGCCATTNCNAAGTTGGNCTNNCATCATC TCGACCACAAGGGGGAGCCACAGTGCACATGGATACCTTCNAGTGGCNCGCATCGNCTA CTGNACCGNNCGACACAGTGAAGNCCCNACATCTCGCCTGGGTCTACAGGGAGATCAT GATGACCTGTNCTACCAGATGGACTGCCACGCCG
<b>3' Read Nucleotide Sequence:</b>	>Forward primer walk for NM_017933 unedited TGGATCGGGCCTTGAGCTGTGCACGACCCACCGCTGATGAAGACAAGGACTCACAGTGGC TGCAAGGTTACCTACCTGGGCAAAGTCTCCACCACTGGCATGCAGTTTTTGTGAGGCTGC ACAGAAAAGCCAGTCATTGAGCTCTGGAAGAAGCACACGCTAGCCCGAGAGGATGTCTTT CCGGCCAATGCCCTCCTGAAATCCGGCCATTCCAAGTTTGGCTCCATCATCTCGACCAC AAAGGGGAGGCCACAGTGCACATGGATACCTTCCAGGTGGCCCGCATCGCCTACTGCACC GCCGACCACAACGTGAGCCCAACATCTTCGCCTGGGTCTACAGGGAGATCAATGATGAC CTGTCTACCAGATGGACTGCCACGCCGTGGAGTGCAGAGCAAGCTCGAGGCCAAGAAA CTGGCCCACGCCATGATGGAGGCCCTTCAGGAAGACTTTCCACAGTATGAAGAGCGACGGG CGGATCCACAGCAACAGCTCCTCCGAAGAGGTTTCCAGGAATTGGAATCCGATGATGGC TGAATGAACCTTGAGACGCTTCAGCAAAGGCAGCATTGGTCACGGAGTTCAAGGGAATAGA TTTTTAAATTGAGAAGCAATTTCAAATTTGGGATGAAAAGACTGCCAAACTATTGGCTGACCAAG TACATTGAAACCTGCTGCTGTGACTGTGAGAGGGTGGGAGTGTGGATGGGAAGGAA GGTTCTAGGCTCTTATTATTTCTCATTTCATTTCCATGCCTCTCTGTGGGAGAGCCTCCATG CCAGTTTCACCACGCTCAGGCAACTCTGCAGCTGTTATTGGATGGCCATTCCGATCTG CTTATGAATCCACAGAATGTCAGGGGCACCTATGGAATCTCCTATTGGGTGTGGCCACGG GTGGCTGATGGGAACG
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_017933
<b>Insert Size:</b>	2700 bp
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	The open reading frame of this TrueClone was fully sequenced and found to be a perfect match to the protein associated to this reference.
<b>Components:</b>	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\\_017933.3](#), [NP\\_060403.3](#)

**RefSeq Size:** 2745 bp

**RefSeq ORF:** 747 bp

**Locus ID:** 55022

**UniProt ID:** [Q7Z2X4](#)

**Cytogenetics:** 2q36.3

**Domains:** PID

**Gene Summary:** Increases proliferation of preadipocytes without affecting adipocytic differentiation.  
[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (1) represents the longest transcript and encodes isoform 1.