

Product datasheet for **SC208666**

PIF1 (NM_025049) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: PIF1 (NM_025049) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: PIF1
Synonyms: C15orf20; PIF
ACCN: NM_025049
Insert Size: 696 bp
Insert Sequence: >SC208666 3'UTR clone of NM_025049
 The sequence shown below is from the reference sequence of NM_025049. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GACCAGGAGAACATGGACCCAATCCTCTGAGCCTCACCCACAAGAGAAGACAAAGGGTGGCCTGTGGC
CTCCCCGTCTCTGCTCCCTAGTGGCCAGGGCCCCAGGGAATAACTGGAGTAGGCAGGCAGTGTCCC
CTTCTGTATTTTTAGGGACTCTCAGCCTCTGGCAGGGTTAAAGGGAGAGTACTTTAAACCCATATAC
CAGCTGTGCTTCAGTTTCTCACTTTGCCCTGGGTAAGCTGCTGTAGGGTCAGAAGTAACCCTTTCTG
TGCCAGTTGAGAAATGAGCCTGTGTGGTAGCTGATGTCAGAGGACAAAGCTCTCTGCAAGGGCTGGACAC
AGAGCTGCAGAGTCTGAACATCCCTCCTTTCAGGCTGCAGAAGGGAGAGGCAATGAAGACAGGTGCTC
CGGAAGCAGCATCAGGGCTCTTGGAGGGGACTGGTGGGGACTCAGGCTGGGTGCAGCCTCCAAACAGAG
AACGGAACCTTAGGTGTCTCTACAGCTAGGCCAGCCTAGCCCAGCCCAGAACAACACCCTTCAGAG
CCTAACCAAAGAACATAAGCTGCAAAATGTGCACCCATATTTAAGCTGCTTTTTCAGGGGATAAATAG
TGTTTGGGGACATTGAAATGGATGTTCTCAGGTTGATTTATTTTCGGACAATAAACTAGAGAATTGTG
TAAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

Restriction Sites:

Sgfl-Mlul

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).



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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_025049.4
Summary:	This gene encodes a DNA-dependent adenosine triphosphate (ATP)-metabolizing enzyme that functions as a 5' to 3' DNA helicase. The encoded protein can resolve G-quadruplex structures and RNA-DNA hybrids at the ends of chromosomes. It also prevents telomere elongation by inhibiting the actions of telomerase. Alternative splicing and the use of alternative start codons results in multiple isoforms that are differentially localized to either the mitochondria or the nucleus. [provided by RefSeq, Nov 2013]
Locus ID:	80119
MW:	25.5