

## Product datasheet for **SC207381**

### Angiopoietin like 4 (ANGPTL4) (NM\_139314) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** Angiopoietin like 4 (ANGPTL4) (NM\_139314) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** ANGPTL4  
**Synonyms:** ARP4; FIAF; HARP; HFARP; NL2; PGAR; pp1158; TGQTL; UNQ171  
**ACCN:** NM\_139314  
**Insert Size:** 514 bp  
**Insert Sequence:** >SC207381 3'UTR clone of NM\_139314  
 The sequence shown below is from the reference sequence of NM\_139314. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CAGCCCATGGCAGCAGAGGCAGCCTCCTAGCGTCCTGGCTGGCCTGGTCCCAGGCCACGAAAGACGG
TGACTCTTGGCTCTGCCGAGGATGTGGCCGTTCCCTGCCTGGGCAGGGGCTCCAAGGAGGGCCATCT
GGAAACTTGTGGACAGAGAAGAAGACCAGACTGGAGAAGCCCCCTTCTGAGTGCAGGGGGGCTGCAT
GCGTTGCCTCCTGAGATCGAGGCTGCAGGATATGCTCAGACTCTAGAGGCGTGGACCAAGGGGCATGGA
GCTTCACTCCTTGTGGCCAGGGAGTTGGGGACTCAGAGGGACCACTTGGGGCCAGCCAGACTGGCCTC
AATGGCGGACTCAGTCACATTGACTGACGGGGACCAGGGCTTGTGTGGGTGCGAGAGCGCCCTCATGGTG
CTGGTGTGTGTGTAGGTCCCCTGGGGACACAAGCAGGCGCCAATGGTATCTGGGCGGAGCTCACA
GAGTTCTGGAATAAAAGCAACCTCAGAACA
ACGCGTAAGCGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** SgfI-MluI

**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).

**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\\_139314.3](#)



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**Summary:**

This gene encodes a glycosylated, secreted protein containing a C-terminal fibrinogen domain. The encoded protein is induced by peroxisome proliferation activators and functions as a serum hormone that regulates glucose homeostasis, lipid metabolism, and insulin sensitivity. This protein can also act as an apoptosis survival factor for vascular endothelial cells and can prevent metastasis by inhibiting vascular growth and tumor cell invasion. The C-terminal domain may be proteolytically-cleaved from the full-length secreted protein. Decreased expression of this gene has been associated with type 2 diabetes. Alternative splicing results in multiple transcript variants. This gene was previously referred to as ANGPTL2 but has been renamed ANGPTL4. [provided by RefSeq, Sep 2013]

**Locus ID:**

51129

**MW:**

17.7