

## Product datasheet for **SC114738**

### **FILIP1L (NM\_014890) Human Untagged Clone**

#### **Product data:**

|                           |                                          |
|---------------------------|------------------------------------------|
| Product Type:             | Expression Plasmids                      |
| Product Name:             | FILIP1L (NM_014890) Human Untagged Clone |
| Tag:                      | Tag Free                                 |
| Symbol:                   | FILIP1L                                  |
| Synonyms:                 | DOC-1; DOC1; GIP90; GIP130               |
| Mammalian Cell Selection: | None                                     |
| Vector:                   | <u>pCMV6-XL5</u>                         |
| E. coli Selection:        | Ampicillin (100 ug/mL)                   |



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**Fully Sequenced ORF:** >OriGene ORF within SC114738 sequence for NM\_014890 edited (data generated by NextGen Sequencing)

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ATGGTGGTGGATGAACAGCAAAGGCTGACGGCACAGCTCACCTTCAAAGACAGAAAATC
CAAGAGCTGACCACAAATGCAAAGGAAACATACCAAAGCTAGCCCTTGCTGAAGCCAGA
GTTCCAGGAGGAAGAGCAGAAGGCAACCAGACTAGAGAAGGAAGTGCACACGACAGCCACA
AAGTTTCAACCAAGACCAAGACACAATTATGGCGAAGCTCACCAATGAGGACAGTCAAAAT
CGCCAGCTTCAACAAAAGCTGGCAGCACTCAGCCGGCAGATTGATGAGTTAGAAGAGACA
AACAGGTCTTTACGAAAAGCAGAAGAGGAGCTGCAAGATATAAAAGAAAAATCAGTAAG
GGAGAATATGGAACGCTGGTATCATGGCTGAAGTGAAGAGCTCAGGAAACGTGTGCTA
GATATGGAAGGGAAGATGAAGAGCTCATAAAATGGAGGAGCAGTGCAGAGATCTCAAT
AAGAGGCTTGAAAGGGAGACGTTACAGAGTAAAGACTTTAACTAGAGGTTGAAAACTC
AGTAAAGAATTATGGCTCTGGAAGTTAGAAGACGCTTTCAACAAAAGCAAACAAGAA
TGCTACTCTCTGAAATGCAATTTAGAAAAAGAAAGGATGACCACAAAGCAGTTGTCTCAA
GAACTGGAGAGTTTAAAGTAAGGATCAAAGAGCTAGAAGCCATTGAAAGTCGGCTAGAA
AAGACAGAATTCAGTCTAAAAGAGGATTTAACTAACTGAAAACATTAACTGTGATGTTT
GTAGATGAACGGAAAAACAATGAGTGAAAAATTAAGAAAACTGAAGATAAATTACAGCT
GCTTCTCTCAGCTTCAAGTGGAGCAAAATAAAGTAACAACAGTTACTGAGAAGTTAATT
GAGGAACTAAAAGGGCGCTCAAGTCCAAAACCGATGTAGAAGAAAAGATGTACAGCGTA
ACCAAGGAGAGAGATGATTTAAAAAACAAATTGAAAGCGGAAGAAGAGAAAGGAAATGAT
CTCCTGTCAAGAGTTAATATGTTGAAAAATAGGCTTCAATCATTGGAAGCAATTGAGAAA
GATTTCTTAAAAAACAAATTAATCAAGACTCTGGGAAATCCACAACAGCATTACACCAA
GAAAACAATAAGATTAAGGAGCTCTCTCAAGAAGTGGAAAGATTGAACTGAAGCTAAAG
GACATGAAAGCCATTGAGGATGACCTCATGAAAACAGAAGATGAATATGAGACTTAGAA
CGAAGGTATGCTAATGAACGAGACAAAGCTCAATTTTTATCTAAAGAGCTAGAACATGTT
AAAATGGAACCTGCTAAGTACAAGTTAGCAGAAAAGACAGAGACCAGCCATGAACATGG
CTTTTCAAAGGCTTCAAGAAGAAGAAGCTAAGTCAGGGCACCTCTCAAGAGAAGTGGAT
GCATTAAGAGAGAAAATTCATGAATACATGGCAACTGAAGACCTAATATGTCACCTCCAG
GGAGATCACTCAGTCTGCAAAAAAACTAAATCAACAAGAAAACAGGAACAGAGATTTA
GGAAGAGAGATTGAAAACCTCACTAAGGAGTTAGAGAGGTACCGGCATTTAGTAAGAGC
CTCAGGCTAGTCTCAATGGAAGAAGAATTTCCGATCCTCAAGTATTTTCTAAAGAAGTT
CAGACAGAAGCAGTAGACAATGAACCACTGATTACAAGAGCCTATTCTCTGGAACGT
GCAGTCATCAATGGTCAGTTATATGAGGAGAGTGAGAATCAAGACGAGGACCCTAATGAT
GAGGGATCTGTGCTGTCTTCAATGCAGCCAGTCTACTCCATGTCTGTAAACAGAAAAG
CTATGGATTCCCTGGATGAAATCCAAGGAGGGCCATCTTCAGAATGGAAGAAATGCAAACT
AAACCCATGCCAATTTGTGCAACCTGGAGATCTAGTCCTAAGCCACACACCTGGGCAG
CCACTTCATATAAAGGTTACTCCAGACCATGTACAAAACACAGCCACTCTTGAAATCACA
AGTCCAACACAGAGAGTCTCACTCTTACACGAGTACTGCAGTGATACCGAACTGTGGC
ACGCCAAAGCAAAGGATAACCATCCTCCAAAACGCCTCCATAACACCAGTAAAGTCCAAA
ACCTCTACCGAAGACCTCATGAATTTAGAACAAGGCATGTCCCAATTACCATGGCAACC
TTTGCCAGAGCACAGACCCAGAGTCTTGTTGTTCTCTAACTCCAGAAAGGACAATGTCC
CCTATTAGGTTTTGGCTGTGACTGTTTCAAGTCTCTCTGAGCAGGAGCGTCCCCA
GAACCAACAGAAATCAGTGCCAAGCATGCGATATTAGAGTCTCCCAGACCGGCAGTCA
TCATGGCAGTTTCAAGCTTCAAACAGCAATAGCTCAAGTGTGATAACTACTGAGGATAAT
AAAATCCACATTCACTTAGGAAGTCCTTACATGCAAGCTGTAGCCAGCCCTGTGAGACCT
GCCAGCCCTTCAGCACCCTGCAGGATAACCGAACTCAAGGCTTAATTAACGGGGCACTA
AACAAAACAACCAATAAAGTCACCAGCAGTATTACTATCACACCAACAGCCACACCTCTT
CCTCGACAATCACAATTAAGTAAGTAATATATACTGA

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Clone variation with respect to NM\_014890.2  
1183 c=>t

**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_014890 unedited  
 AGGGTGCACATTAGGNATACGACTCACTATTAGGGCGGCCGCGATTTCGGCACGAGGGCTC  
 AGCGCCCCGCTCGCATTGTTTCGGGCGACTCTCGGAGCGCGCACAGTCGGCTCGCAGCGCG  
 GCACTACAGCGGCCCCGGCCCCGGCCCCGGCCCCGGCGCAGGCAGTTTCAAGTTAA  
 GAAGCTAATTGATCAAGAAATCAAGTCTCAGGAGGAGAAGGAGCAAGAAAAGGAGAAAAG  
 GGTCAACACCTGAAAGAGGAGCTGACCAAGCTGAAGTCTTTTGTCTTGTGTTGGTGGTGA  
 TGAACAGCAAAGGCTGACGGCACAGCTCACCTTCAAAGACAGAAAATCCAAGAGCTGAC  
 CACAAATGCAAAGGAAACACATACCAAACTAGCCCTTGCTGAAGCCAGAGTTTCAGGAGGA  
 AGAGCAGAAGGCAACCAGACTAGAGAAGGAACTGCAAACGCAGACCACAAAGTTTACCA  
 AGACCAAGACACAATTATGGCGAAGCTCACCAATGAGGACAGTCAAAATCGCCAGCTTCA  
 ACAAAGCTGGCAGCACTCAGCCGGCAGATTGATGAGTTAGAAGAGACAAACAGGTCTTT  
 ACGAAAAGCAGAAGAGGAGCTGCAAGATATAAAAGAAAAAATCAGTAAGGGAGAATATGG  
 AAACGCTGGTATCATGGCTGAAGTGAAGAGCTCACGAAACGTGTGCTAGATATGGAAGG  
 GAAAGATGAAGAGCTCATAAAATGGAGGAGCAGTGCAGAGATCTCATAAGAGGCTTGAA  
 AGGGAGACGTTACAGAGTAAAGACTTTAACTAGAGGTTGAAAACCTCAGTAAAAGGATT  
 ATGGCTCTGGAAGGTTAGAAGACGCCTTTCACACAAGCANACAAGAATGCTACTCTCTG  
 AAATGCAATTTAAACAGGAAGGATGACCCCAAGCAGTTGT

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_014890 unedited  
 CGCAATTCATATCGAGTTTTTTTTTTTTTTTTTTTTTAAATAACAAATTATTTACTGTTTT  
 ATAATGGTAAAGTATTTACCAAGACAAGTTGCAGTCAAATTAAGTGAGTTATGGAAAA  
 TGAAATACATAAGATGTATTTATACAAGTGCAGACTAAATATTTGCATACAAGTATGT  
 AAATGAAAAGATATACAGTAAGTGCACACTCGATATGACTATGCAGGCAACAGTTAGTTT  
 CAGATACTCTTGATAGGTCAATGCACAAACCTTTTCAAAGTACGAGTTCAGTTCACTCTT  
 GGGGGATATGGAGGGATGATTAAAAAGGATTGAGTTCCTTGTAATAATATCATTATGGA  
 CTGGATGAGGGCGAGCGTGGACAGTTATATATATTACTTACTGTAATTTGAGATTGCCGA  
 GGAATAGGTGTGGCTGTTGGTGTGATAATAACTGCTGGTGACTTTATTGCTTGTTTTG  
 TTTACTGCCTCGTTAATTAATCCTTGAGTTTGGTTATTCTGCAATGGTGCTGAAGGGCTG  
 GTAGGTCTTACAGGGTTGGCTACAGTTTGCATGTAAGGACTATCTTAGTGAATGTGGATT  
 TTATTATCTCTAGTAAGTATTAACACTCGAGCTATTGCTGTTTGAACGCTGTAAGTGTCA  
 TGATGACTGTGATCGGGGAGACTGTGAATATCGTATGCTTGATGCTGATTTTCTGTTGT  
 TTCTGGGAGCCATTCTGCTTAGGATACTCAATTAACTACTCTCAGTCTAAACCTGGATAA  
 GGGGACATTCTGCTTTGTGAAATATGAAAAACCAAAACCTTTGGGTTTTGGTCTCGG  
 CAAAGGTTGCTAATGAGTATTGGGGACATGCCTTTGCTGTATTCCTGAAGGTGTTGCG  
 TGAAAGGTTTTGAATCTTACTGGGCGTATGGAGGCCTTTTGAAGAGAGTATTCTCTCTC  
 CGTTGGCGTACCATACTCATATCTCATCNTTATCATCCGTGTATAAACTCTTT

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_014890

**Insert Size:**

3570 bp

**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).

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>                                                            |
| <b>RefSeq:</b>                | <u>NM_014890.1, NP_055705.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>RefSeq Size:</b>           | 3025 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>RefSeq ORF:</b>            | 2259 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Locus ID:</b>              | 11259                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>UniProt ID:</b>            | <u>Q4L180</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Cytogenetics:</b>          | 3q12.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Gene Summary:</b>          | <p>Acts as a regulator of the antiangiogenic activity on endothelial cells. When overexpressed in endothelial cells, leads to inhibition of cell proliferation and migration and an increase in apoptosis. Inhibits melanoma growth When expressed in tumor-associated vasculature. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) has multiple differences in the UTRs and coding region, but maintains reading frame, compared to variant 1. The encoded isoform (2) has a shorter N-terminus and a distinct C-terminus, compared to isoform 1.</p> |