

Product datasheet for **SC126341**

ANGPTL3 (NM_014495) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ANGPTL3 (NM_014495) Human Untagged Clone
Tag:	Tag Free
Symbol:	ANGPTL3
Synonyms:	ANG-5; ANGPT5; ANL3; FHBL2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene sequence for NM_014495 edited
 GGGGAGAAGAAAACAGTTCACGTTGCTTGAAATTGAAAATCAAGATAAAAAATGTTCAACA
 ATTAAGCTCCTTCTTTTATTGTTCTCTAGTTATTTCTCCAGAATTGATCAAGACAAT
 TCATCATTGATTCTCTATCTCCAGAGCCAAAATCAAGATTTGCTATGTTAGACGATGTA
 AAAATTTAGCCAATGGCCTCCTCAGTTGGGACATGGTCTTAAAGACTTTGCCATAAG
 ACGAAGGGCCAAATTAATGACATATTTCAAAAACACTCAACATATTTGATCAGTCTTTTTAT
 GATCTATCGCTGCAAACAGTGAATCAAGAAGAAGAAAAGAACTGAGAAGAAGTACA
 TATAAACTACAAGTCAAAAATGAAGAGGTAAAGAATATGTCACTTGAACCTCAACTCAAAA
 CTTGAAAGCCTCCTAGAAGAAAAATTCTACTTCAACAAAAAGTAAAATATTTAGAAAG
 CAACTAACTAATTCAAAAACACTGAACTCCAGAACACCCAGAAGTAACCTTCA
 CTTAAAACCTTTGTAGAAAAACAAGATAATAGCATCAAAGACCTTCTCCAGACCGTGAA
 GACCAATATAACAATTAACCAACAGCATAGTCAAATAAAGAAATAGAAAATCAGCTC
 AGAAGGACTAGTATTCAAGAACCACAGAAATTTCTCTATCTTCAAGCCAAGAGCACCA
 AGAACTACTCCCTTTCTCAGTTGAATGAAATAAGAAATGTAACATGATGGCATTCTCT
 GCTGAATGTACCACCTTTATAACAGAGGTGAACATACAAGTGGCATGTATGCCATCAGA
 CCCAGCAACTCTCAAGTTTTTCATGTCTACTGTGATGTTATATCAGGTAGTCCATGGACA
 TTAATTCACATCGAATAGATGGATCACAAAACCTCAATGAAACGTGGGAGAAGTACAAA
 TATGGTTTTGGGAGGCTTGATGGAGAATTTTGGTTGGGCCTAGAGAAGATATACTCCATA
 GTGAAGCAATCTAATTATGTTTTACGAATTGAGTTGGAAGACTGGAAAGACAACAAACAT
 TATATTGAATATCTTTTTACTTGGGAAATCACGAAACCAACTATACGCTACATCTAGTT
 GCGATTACTGGCAATGTCCCAATGCAATCCCGGAAAACAAGATTTGGTGTCTTCTACT
 TGGCATCACAAGCAAAAAGGACACTTCAACTGTCCAGAGGGTTATTCAAGGAGCTGGTGG
 TGGCATGATGAGTGTGGAGAAAACAACCTAAATGGTAAATATAACAACCAAGAGCAAAA
 TCTAAGCCAGAGAGGAGAAGAGGATTATCTTGGAAAGTCTCAAAAATGGAAGGTTTACTCT
 ATAAAAACAACAAAATGTTGATCCATCCAACAGATTCAGAAAAGCTTTGAATGAACTGAG
 GCAAAATTAAGGCAATAATTTAAACATTAACCTCATTCCAAGTTAATGTGGTCTAATA
 ATCTGGTATTAATCCTTAAGAGAAAGCTTGAGAAATAGATTTTTTTTATCTTAAAGTCA
 CTGTCTATTTAAGATTAACATACAAATCACATAACCTTAAAGAATACCGTTTACATTTCT
 CAATCAAAATCTTATAACTATTTGTTTTAAATTTTGTGATGTGGGAATCAATTTTAG
 ATGGTCACAATCTAGATTATAATCAATAGGTGAACCTTATAAATAACTTTTCTAAATAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for NM_014495 unedited
 TGTTTCAGGATTTTGAATACGACTTACTATAGGGCGGCGCGGAATTCGCCATTACGGCC
 GGGGAGAAGAAAACAGTTCCTGTTGGTGGAAATGGAAATCAANATAAAAATGTTCAAAA
 TTAAGCTCCTTCTTTTATTGTGCCTCTAGTTATTTCTCCAGAATTGATCAAGACAATT
 CATCATTTGATTCTCTATCTCCAGAGCCAAAATCAAGATTTGCTATGTTAGACGATGTAA
 AAATTTTAGCCAATGGCCTCCTTCAAGTTGGGACATGGTCTTAAAGACTTTGCCATAAGA
 CGAAGGGCCAAATTAATGACATATTTCAAAAACACTCAACATATTTGATCAGTCTTTTTATG
 ATCTATCGCTGCAAACAGTGAATCAAGAAGAAGAAAAGAACTGAGAAGAAGTACAT
 ATAAACTACAAGTCAAAAATGAAGAGGTAAAGAATATGTCACTTGAACCTCAACTCAAAAC
 TTGAAAGCCTCCTAGAAGAAAAATTCTACTTCAACAAAAAGTAAAATTTAGAAAGAGC
 AACTAACTAATTAATCAAAAATCAACCTGAACTCCAGAACACCCAGAAGTAACTTCAC
 TTAACACTTTTGTAGAAAAACAAGATAATAGCATCAAAGACCTTCTNCAGACCGTGGAG
 ACCAATATAAACCATTAACCAACAGCATAGTCAAATAAAGAGATAGAANATCAGTCA
 GAAGGACTAGTATTCAAGAACCACAGAAATTTCTCTATCTTCAAGCCAAGAGCACCAA
 GGACTACTCCCTTTCTTNCAGGTGATGGAATAAGAATGTAACATGATGGCATTCTCTGC
 TGAATGTGCCACCATTTATAACACGAGTGGACATACAGTGGGATGTATGCCATCCGACCC
 AGCACTCTCAAGTTTTCTCAGGCTACTGGGATGTATACAGTAGTCATGGACATAA

Restriction Sites: Please inquire
ACCN: NM_014495

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_014495.2 , NP_055310.1
RefSeq Size:	2126 bp
RefSeq ORF:	1383 bp
Locus ID:	27329
UniProt ID:	Q9Y5C1
Cytogenetics:	1p31.3
Protein Families:	Druggable Genome, Secreted Protein
Gene Summary:	This gene encodes a member of a family of secreted proteins that function in angiogenesis. The encoded protein, which is expressed predominantly in the liver, is further processed into an N-terminal coiled-coil domain-containing chain and a C-terminal fibrinogen chain. The N-terminal chain is important for lipid metabolism, while the C-terminal chain may be involved in angiogenesis. Mutations in this gene cause familial hypobetalipoproteinemia type 2. [provided by RefSeq, Aug 2015]