OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC305364

ANGPTL6 (NM_031917) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ANGPTL6 (NM_031917) Human Untagged Clone
Tag:	Tag Free
Symbol:	ANGPTL6
Synonyms:	AGF; ARP5
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)

View online »

Fully Sequenced ORF:

>OriGene ORF within SC305364 sequence for NM_031917 edited (data generated by NextGen Sequencing)

ATGGGGAAGCCCTGGCTGCGTGCGCTACAGCTGCTGCTCCTGCTGGGCGCGTCGTGGGCG
CGGGCGGGCGCCCCGCGCTGCACCTACACCTTCGTGCTGCCCCCGCAGAAGTTCACGGGC
GCTGTGTGCTGGAGCGGCCCCGCATCCACGCGGGCGACGCCCGAGGCCGCCAACGCCAGC
GAGCTGGCGGCGCTGCGCATGCGCGTCGGCCGCCACGAGGAGCTGTTACGCGAGCTGCAG
AGGCTGGCGGCGGCCGACGGCGCCGTGGCCGGCGAGGTGCGCGCGCTGCGCAAGGAGAGC
CGCGGCCTGAGCGCGCGCCTGGGCCAGTTGCGCGCGCAGCTGCAGCACGAGGCGGGGCCC
GGGGCGGGCCCGGGGGCGGATCTGGGGGCGGAGCCTGCCGCGGCGCTGGCGCTGCTCGGG
GAGCGCGTGCTCAACGCGTCCGCCGAGGCTCAGCGCGCAGCCGCCCGGTTCCACCAGCTG
GACGTCAAGTTCCGCGAGCTGGCGCAGCTCGTCACCCAGCAGAGCAGTCTCATCGCCCGC
CTGGAGCGCCTGTGCCCGGGAGGCGCGGGCGGGCAGCAGCAGGTCCTGCCGCCACCCCCA
CTGGTGCCTGTGGTTCCGGTCCGTCTTGTGGGTAGCACCAGTGACACCAGTAGGATGCTG
GACCCAGCCCCAGAGCCCCAGAGAGACCAGACCCAGAGACAGCAGGAGCCCATGGCTTCT
CCCATGCCTGCAGGCCACCCTGCGGTCCCCACCAAGCCTGTGGGCCCGTGGCAGGATTGT
GCAGAGGCCCGCCAGGCAGGCCATGAACAGAGTGGAGTGTATGAACTGCGAGTGGGCCGT
CACGTAGTGTCTGTATGGTGTGAGCAGCAACTGGAGGGTGGAGGCTGGACTGTGATCCAG
CGGAGGCAAGATGGTTCAGTCAACTTCTTCACTACCTGGCAGCACTATAAGGCGGGCTTT
GGGCGGCCAGACGGAGAATACTGGCTGGGCCTTGAACCCGTGTATCAGCTGACCAGCCGT
GGGGACCATGAGCTGCTGGTTCTCCTGGAGGACTGGGGGGGCCGTGGAGCACGTGCCCAC
TATGATGGCTTCTCCCTGGAACCCGAGAGCGACCACTACCGCCTGCGGCTTGGCCAGTAC
CATGGTGATGCTGGAGACTCTCTTTCCTGGCACAATGACAAGCCCTTCAGCACCGTGGAT
AGGGACCGAGACTCCTATTCGGGTAACTGTGCCCTGTACCAGCGGGGAGGCTGGTGGTAC
CATGCCTGTGCCCACTCCAACCTCAACGGTGTGTGGCACCACGGCGGCCACTACCGAAGC
CGCTACCAGGATGGTGTCTACTGGGCTGAGTTTCGTGGTGGGGCATATTCTCTCAGGAAG
GCCGCCATGCTCATTCGGCCCCTGAAGCTGTGA

Clone variation with respect to NM_031917.2
735 t=>c;852 a=>t;1221 t=>g

Restriction Sites: Please inquire

ACCN: NM_031917

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info

OTI Annotation: The open reading frame of this TrueClone was fully sequenced and found to be a perfect match to the protein associated to this reference.

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:	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_031917.2, NP_114123.2
RefSeq Size:	1857 bp
RefSeq ORF:	1413 bp
Locus ID:	83854
UniProt ID:	Q8NI99
Cytogenetics:	19p13.2
Protein Families:	Druggable Genome, Secreted Protein
Gene Summary:	May play a role in the wound healing process. May promote epidermal proliferation, remodeling and regeneration. May promote the chemotactic activity of endothelial cells and induce neovascularization. May counteract high-fat diet-induced obesity and related insulin resistance through increased energy expenditure.[UniProtKB/Swiss-Prot Function]