

Product datasheet for **MC216823**

Angptl2 (NM_011923) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Angptl2 (NM_011923) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Angptl2
Synonyms:	A1593246; Arp2; AW260363
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216823 representing NM_011923
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGGCCACTGTGTATGACCTACTGGTGGCTTGGACTGCTGGCCACGGTCGGAGCTGCTACAGGCCAG
 AGGCTGACGTTGAGGGCACAGAGGATGGTTCACAGAGAGAGTACATTTACCTCAACAGGTACAAGCGGGC
 AGGTGAGTCCCCCGACAAGTGCACCTACACTTTTATTGTGCCCCAGCAGCGGGTCACAGGTGCCATTTGT
 GTCAACTCCAAGGAGCCTGAGGTGCACCTGGAGAACCCTGTGCACAAGCAGGAGCTGGAGCTGCTCAACA
 ATGAGCTGCTTAAGCAGAAGCGGCAGATCGAGACGCTGCAGCAGCTGGTAGAGGTAGACGGAGGCATCGT
 GAGCGAGGTGAAGCTGCTGCGCAAGGAGAGCCGAACATGAACTCGAGAGTCACGCAGCTGTACATGCAA
 CTTCTACATGAGATCATTGAAAGCGAGACAATGCGCTGGAGCTCTCCAGCTGGAGAACAGGATCTCTGA
 ACCAGACAGCTGACATGCTGCAGCTGGTAGCAAGTACAAGGACCTGGAGCACAAGTTCCAGCACCTGGC
 TATGCTGGCACACAACCAATCAGAGGTCATTGCTCAGCTCGAAGAGCACTGCCAACCGGTACCTGCAGCC
 AGGCCTATGCCCCAGCCACCCAGCAGCTCCACCTCGGGTCTACCAACCACCCACCTACAACCGCATCA
 TCAACCAGATTTCCACCAATGAGATCCAGAGTGACCAGAATCTGAAGGTGCTGCCGCCCTCCTTGCCAC
 CATGCCTGCCCTTACCAGTCTCCCATCTTCCACTGATAAGCCATCAGGTCCATGGAGAGACTGCCTGCAA
 GCCCTGGAAGATGGTCACAGCACCAGCTCCATCTACCTGGTGAAGCCTGAGAATACCAACCGCCTGATGC
 AGGTGTGGTGTGACCAGAGACATGACCTGGAGTTGGACTGTATCCAGAGACGCTGGATGGCTCTGT
 CAATTTCTCAGGAAGTGGGAGACCTATAAGCAAGGGTTGGGAACATCGATGGTGAAGTACTGGCTGGG
 CTGGAGAACATCTACTGGCTGACGAACCAAGGCAACTACAACTGCTGGTAACCATGGAGGACTGGTCTG
 GCGCTAAAGTCTTTGCTGAGTATGCCAGTTTCCGACTGGAGCCAGAAAGCGAGTACTATAAGCTGCCGCT
 GGGGCGTTATCATGGCAATGCAGGCGACTCCTTTACCTGGCACACGGCAACAGTTTACCACCCTGGAC
 AGGGACCATGATGTCTACACAGGAACTGTGCCACTATCAGAAGGGAGGATGGTGGTATAACGCCTGTG
 CTCACTCAACCTCAATGGGTCTGGTACCGTGGGGGCCATTACCGGAGCAGATACCAGGACGGGTCTA
 CTGGGCTGAGTCCGAGGAGGCTCTTACTCACTCAAGAAGGTGGTGGTATTCGGCCCAACCCCAAC
 ACCTTCCACT**AA**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_011923

Insert Size: 1482 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).

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_011923.4](#), [NP_036053.2](#)

RefSeq Size: 3444 bp

RefSeq ORF: 1482 bp

Locus ID: 26360

UniProt ID: [Q9R045](#)

Cytogenetics: 2 B

Gene Summary: Induces sprouting in endothelial cells through an autocrine and paracrine action.
[UniProtKB/Swiss-Prot Function]