

Product datasheet for **SC337551**

AMOTL2 (NM_001278683) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	AMOTL2 (NM_001278683) Human Untagged Clone
Tag:	Tag Free
Symbol:	AMOTL2
Synonyms:	LCCP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >NCBI ORF sequence for NM_001278683, the custom clone sequence may differ by one or more nucleotides

```

ATGACTGGGGCGAAAAGCCAGCGGTGGCACACCTTGCACCTCTGCGTAAAGGGGCGCCTATTATCACCTTGG
GGAAGAACTGGACAGAGCGCCTGGCGGGGGTATTTCAGTTGGGTGCTCTGGGGCCAGGTGCCACCGGCC
ATTGTCCAGGCAGCTGTGTGCAAGCCAAAGAAGCATGAGGACACTGGAAGACTCCTCGGGACAGTCTGC
CACCGCCTCATCCAGGAGCAGCTGCGCTACGGCAACCTGACTGAGACCGGCACGCTGCTAGCCATCCAGC
AGCAGGCCCTGAGGGGTGGGGCTGGAAGTGGGGGTACAGGGAGCCCCAGGCCTCCCTGGAGATCTGGC
CCCAGAGGACAGTCAGGTGCTGCAGCAGGCCACCAGGCAGGAGCCCCAGGGCCAGGAGCACCAGGGCGGT
GAGAACCACCTGGCAGAGAACCCTCTACCGGCTATGCCACAGCCCAGCAAGGGAGAGGAGTGCCTCA
CCTATGAGGAGGCCAAAGCCACTCGCAGTACTATGCGGCCAGCAGGCAGGGACCCGGCCACATGCGGG
GGACCGAGATCCCGTGGGGCCCCGGGAGGCAGTCGGAGGCAGGACGAGGCCCTGCGGGAGCTGAGGCAT
GGGCACGTGCGCTCGTTGAGTGAACGGCTCCTTCAGTTGTCCCTGGAGAGGAACGGCGCCCGGGCCCCA
GCCACATGAGCTCCTCCACAGCTTCCACAGCTGGCCCCGAACCAGCAGGGCCCCCAGTGGGGCCCC
CCCTGCTGAGGGCCAGAGTCCCGAGGACCCCCACCTCAGTACCCTCATGTTGTACTAGCTCATGAGACC
ACCACTGCTGCTACTGACCCACGGTACCGTGCCCCGCGGCAGCCCCGCACTTCCAGCATGCTGAAGTCAGGA
TCTTGCAGGCCAGGTGCCTCCTGTGTTCTCCAACAGCAGCAGCAGTACCAGTACCTGCAGCAATCTCA
GGAGCACCCCCCTCCCCACATCCAGCTGCTCTCGGCCATGGCCCCCTGAGTCCCTCAGTCCACCTGCT
GTGGAGGGGCCAGTGAGTGCCCAGGCCTCCTCAGCCACCTCGGGCAGTGGCCACCTGGCCAGATGGAGG
CCGTGCTGAGGGAGAATGCCAGGCTGCAGAGAGACAATGAGCGGCTGCAGAGGGAGCTGGAGAGCTCTGC
GGAGAAGGCTGGCCGATTGAGAAGCTGGAAGCGAAAATCCAGCGGCTCTCTGAGGCCATGAGAGCCTG
ACCAGAGCCTCCTCAAGCGTGAGGCCCTGGAGAAGACCATGCGGAACAAGATGGACAGTAAATGAGGA
GGCTGCAAGACTTCAACCGGGATCTTAGAGAGAGATTGGAATCTGCAAAATCGCCGCTGGCAAGCAAGAC
ACAGGAGGCCAGGCCGCGAGTCAGGACATGGTGGCCAAGCTGCTTGTCTAGAGCTACGAACAGCAGCAG
GAGCAAGAGAAGCTGGAGCGAGAGATGGCACTGCTGCGCGGCCCATCGAGGACCAGCGCGCGTGGCCG
AGCTGCTGGAGCAGGCTCTGGGCAATGCGCAGGGCCGGGCAGCTCGAGCCGAAGAGGAGCTGCGCAAGAA
GCAGGCCATGTGGAGAAAGTGGAGCGGCTGCAGCAGGCCTCGGGCAGCTGCAGGCAGCCTGTGAGAAG
CGGGAGCAGCTGGAGTGCCTCTGCGGACTCGCTGGAGCAGGAACCAAGGCCCTGCGTGCACAGCAGA
GACAGGCAGGTGCCCCAGGTGGTAGCAGTGGCAGTGGTGGTCTCCAGAGCTCAGCGCCCTGCGACTGTC
AGAACTGCGAGAGAAGGAGGAGCAGATCCTGGCGCTGGAGGCCGACATGACCAAGTGGGAGCAGAAG
TATTTGGAGGAACGTGCCATGAGGCAGTTTGCCATGGATGCGGCTGCCACGGCTGCTGCTCAGCGTGACA
CCTCTCATCCGACATCCCCCAGCCCTCACCCAGCAGCAGCTTCAATGAGGGTCTGCTCACTGGTGG
CCACAGGCATCAGGAGATGGAAGCAGGTTAAAGGTGCTCCATGCCCAGATCCTGGAGAAGGATGCAGTG
ATCAAGGTCTTTCAGCAGCGCTCCAGGAGAGACCTGGCAAGGCCATCCAGGGCTCCCTGCGGCCTGCCA
AGTCCGGTGCCATCTGTTTTGCGGGCTGCGGCAGCAGGAACCCAGGGCTGGCAAGGGCTCTTCTAGTGA
GCGACAAACAGCAGACGCCCTGCTCGGCTGACTACAGACAGAGCACCCACAGAGGAGCCAGTGGTCACA
GCTCCCCCTGCTGCCATGCCAAACACGGGAGCAGAGATGGGAGCACCCAGACTGAGGGCCCCCAGACA
GCACCTCCACCTGCCTGCCACCGGAGCCTGACAGCCTTCTGGGGTGCAGCAGTAGCCAGAGAGCAGCCTC
TCTGGACTCTGTAGCTACATCCAGAGTCCAGGACTTGTGAGACATGGTGGAGATACTGATCGA
    
```

Restriction Sites: Sgfl-Mlul

ACCN: NM_001278683

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:	<u>NM_001278683.1</u> , <u>NP_001265612.1</u>
RefSeq Size:	4991 bp
RefSeq ORF:	2514 bp
Locus ID:	51421
UniProt ID:	<u>Q9Y2J4</u>
Cytogenetics:	3q22.2
Gene Summary:	Angiomotin is a protein that binds angiotensin, a circulating inhibitor of the formation of new blood vessels (angiogenesis). Angiomotin mediates angiotensin inhibition of endothelial cell migration and tube formation in vitro. The protein encoded by this gene is related to angiomotin and is a member of the motin protein family. Alternative splicing results in multiple transcript variants of this gene. [provided by RefSeq, Jul 2013] Transcript Variant: This variant (1) encodes the longest protein.