

Product datasheet for **SC337653**

Angiomotin like 1 (AMOTL1) (NM_001301007) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Angiomotin like 1 (AMOTL1) (NM_001301007) Human Untagged Clone
Tag:	Tag Free
Symbol:	AMOTL1
Synonyms:	JEAP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001301007, the custom clone sequence may differ by one or more nucleotides

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ATGTGGAGGGCAAAGTTGCGCCGGGAACTTGTGAGCCTGCGGTGAAAGTTGAAGATCCTCTTTGTAAC
TCCACTCCCCAACTTCTGAGGATCTCAGAGGTGAAATGAGAGGTTCCGAGGATGCGGCAGCTGGAAC
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TCACTCAAGAAGACCCACAAATGGTCTACCAGTACGACGCAAGAACCAGGGTCAAGAACACAGGT
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TACGAGGAGGCCAAAGCACAGTCGAGTCTTCCAGGGGGCAGCAGCAGCAACAGCAGAGGGGGCGG
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CAGCAGCTTGTGCACAAGCCCGAGTTCCTGATGGAGAGATGATGGAAGTCTCATCTAA
    
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Restriction Sites: SgfI-MluI
ACCN: NM_001301007

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_001301007.1 , NP_001287936.1
RefSeq Size:	8849 bp
RefSeq ORF:	2721 bp
Locus ID:	154810
UniProt ID:	Q8IY63
Cytogenetics:	11q21
Protein Pathways:	Tight junction
Gene Summary:	<p>The protein encoded by this gene is a peripheral membrane protein that is a component of tight junctions or TJs. TJs form an apical junctional structure and act to control paracellular permeability and maintain cell polarity. This protein is related to angiotensin, an angiotensin binding protein that regulates endothelial cell migration and capillary formation. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2014]</p> <p>Transcript Variant: This variant (2) lacks an alternate in-frame exon compared to variant 1. The resulting isoform (2) has the same N- and C-termini but is shorter compared to isoform 1.</p> <p>Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>