

Product datasheet for **RC207693L2V**

Angiomotin like 1 (AMOTL1) (NM_130847) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Angiomotin like 1 (AMOTL1) (NM_130847) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Angiomotin like 1
Synonyms:	JEAP
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_130847
ORF Size:	2868 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207693).
OTI Disclaimer:	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:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_130847.2
RefSeq Size:	8999 bp
RefSeq ORF:	2871 bp
Locus ID:	154810
UniProt ID:	Q8IY63
Cytogenetics:	11q21
Protein Pathways:	Tight junction
MW:	106.4 kDa



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Gene Summary:

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]