

Product datasheet for **RC226319L4V**

Angiomotin (AMOT) (NM_001113490) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Angiomotin (AMOT) (NM_001113490) Human Tagged ORF Clone Lentiviral Particle
Symbol:	AMOT
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001113490
ORF Size:	3252 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC226319).
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_001113490.1 , NP_001106962.1
RefSeq ORF:	3255 bp
Locus ID:	154796
UniProt ID:	Q4VCS5
Cytogenetics:	Xq23
MW:	117.9 kDa



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Gene Summary:

This gene belongs to the motin family of angiotensin binding proteins characterized by conserved coiled-coil domains and C-terminal PDZ binding motifs. The encoded protein is expressed predominantly in endothelial cells of capillaries as well as larger vessels of the placenta where it may mediate the inhibitory effect of angiotensin on tube formation and the migration of endothelial cells toward growth factors during the formation of new blood vessels. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]