

Product datasheet for **RG238221**

AAMP (NM_001302545) Human Tagged ORF Clone

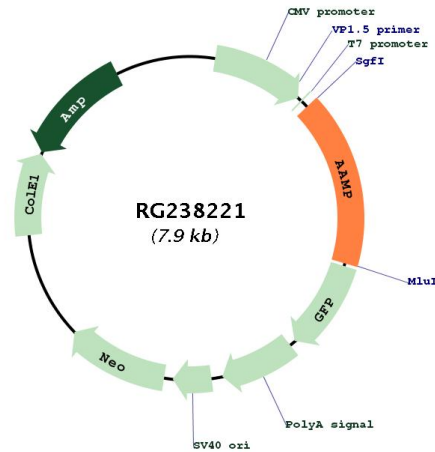
Product data:

Product Type:	Expression Plasmids
Product Name:	AAMP (NM_001302545) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	AAMP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG238221 representing NM_001302545. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAGTCCGAATCGGAAAGCGGGGCTGCTGCTGACACCCCCCACTGGAGACCCTAAGCTTCCATGGT
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GAGATGGAAGATGTGGACTTTGAGGAAGAAGAGGAGGAAGAGGGCAACGAAGAGGGCTGGGTTCTAGAA
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CTGGTGGTGACCAGTCAAGGAGACCACAAAGCGAAAGTATTTTGTGTCCAAGGCCTGACCGT
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
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Plasmid Map:


ACCN: NM_001302545

ORF Size: 1305 bp

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.

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).

RefSeq: [NM_001302545.2](#)

RefSeq Size: 1845 bp

RefSeq ORF: 1308 bp

Locus ID: 14

Cytogenetics: 2q35

MW: 47.3 kDa

Gene Summary: The gene is a member of the immunoglobulin superfamily. The encoded protein is associated with angiogenesis, with potential roles in endothelial tube formation and the migration of endothelial cells. It may also regulate smooth muscle cell migration via the RhoA pathway. The encoded protein can bind to heparin and may mediate heparin-sensitive cell adhesion. [provided by RefSeq, Oct 2014]