

Product datasheet for **RG209899**

AMN1 (NM_207337) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	AMN1 (NM_207337) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	AMN1
Synonyms:	antagonist of mitotic exit network 1 homolog; antagonist of mitotic exit network 1 homolog (S. cerevisiae)
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG209899 representing NM_207337 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCAGGGACAGATAACAGATTCAAATATAAGTGAGATTTTACATCCTGAAGTCCAAACTCTAGATCTAC
GGAGCTGCGATATATCAGATGCTGCTCTCCTGCACCTGTCTAACTGTAGAAAAGTGAAGAAATTAATTT
AAATGCTTCAAAGGGAACCGAGTTTCTGTAACCTCAGAAGGAATAAAGCTGTGGCTTCATCTTGTTC
TACCTACACGAAGCTTCTTTGAAAAGATGCTGCAATCTCACTGACGAAGGAGTCGTTGCTTGCCTCA
ATTGCCAGCTGCTAAAGATCATCGATTTAGGTGGCTGCTTAAGTATTACTGATGTGCTTACATGCATT
AGGAAAAAAGTGGCCATTTTGCAGTGTGTCGACTTTTCAGCTACTCAGGTATCTGACAGTGGTGTGATT
GCACTTGTAGTGGACCTTGTGCGAAGAAATTAGAGGAGATTCATATGGGACATTGTGTAATCTGACTG
ATGGGGCTGTGCGAAGCTGTCCTTACTTACTGTCCCTCAAATACGTATATTACTCTTCATGGATGCCCTT
GATAACAGATCATTCCCAGAAAGTGTGGAGCAATTAGTAGGCCAAACAACTAAAGCAAGTGACATGG
ACTGTTTAT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

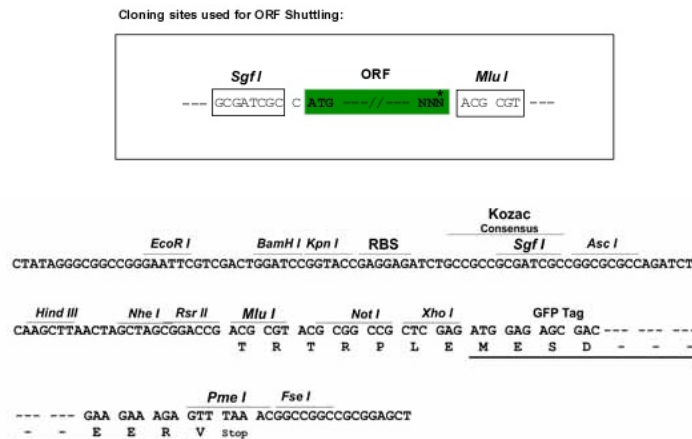
Protein Sequence: >RG209899 representing NM_207337
 Red=Cloning site Green=Tags(s)

MQGQITDSNISEILHPEVQTLDLRSCDISDAALLHLSNCRKLLKLNLNASKGNRVSVTSEGKAVASSCS
 YLHEASLKRCNNLTDEGVVALALNCQLLKIIDLGGCLSIDVSLHALGKNCPFLQCVDVSATQVSDSGVI
 ALVSGPCAkkLEEIHMGHCYNLTDGAVEAVLTYCPQIRILLFHGCPLITDHSREVLQLVGPnkLKQVTW
 TVY

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_207337

ORF Size: 639 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).

Reconstitution Method:

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_207337.1](#), [NP_997220.1](#)

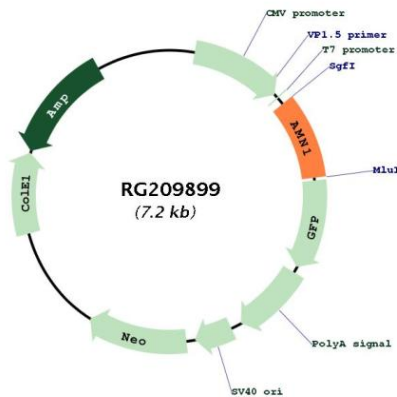
RefSeq Size: 1979 bp

RefSeq ORF: 641 bp

Locus ID: 196394

Cytogenetics: 12p11.21

Product images:



Circular map for RG209899