

Product datasheet for **RC225342**

AMN1 (NM_001113402) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	AMN1 (NM_001113402) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	AMN1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC225342 representing NM_001113402 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCTCGCCACGGCGGGTCAGTCAGCTCCTGGATCTATGCCTTTGGTGCTTCATGAAGAATATTTCCA
GATATCTCACAGACATTAAGCCTTTGCCTCCCAACATAAAAGACAGACTGATTAAATAATGAGTATGCA
GGGACAGATAACAGATTCAAATATAAGTGAGATTTTACATCCTGAAGTCCAACTCTAGATCTACGGAGC
TGCGATATATCAGATGCTGCTCTCCTGCACCTGTCTAACTGTAGAAAAGTGAAGAAATTAATTTAAATG
CTTCAAAGGGAACCGAGTTTCTGTAATTCAGAAGGAATAAAAGCTGTGGCTTCATCTTGTTTCATACCT
ACACGAAGCTTCTTTGAAAAGATGCTGCAATCTCACTGACGAAGGAGTCGTTGCTCTTGCACTCAATTGC
CAGCTGCTAAAGATCATCGATTTAGGTGGCTGCTTAAGTATTACTGATGTGCTTACATGCATTAGGAA
AAAAGTGGCCATTTTGCAGTGTGTCGACTTTTCAGCTACTCAGGTATCTGACAGTGGTGTGATTGCACT
TGTTAGTGGACCTTGTCGAAGAAATTAGAGGAGATTCATATGGGACATTGTGTAATCTGACTGATGGG
GCTGTGGAAGCTGTCCTTACTTACTGCTCAAATACGTATATTACTCTCCATGGATGCCCTTGATAA
CAGATCATTCGGAGAAGTGTGGAGCAATTAGTAGGCCAAACAACTAAAGCAAGTGACATGGACTGT
TTAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



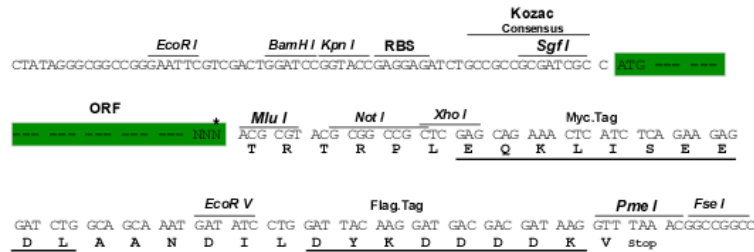
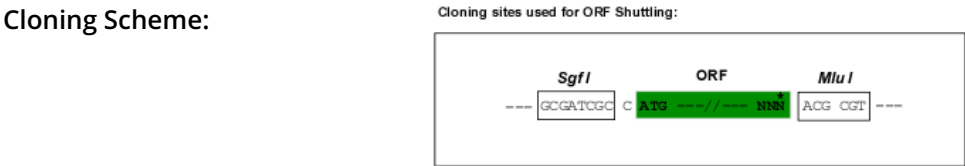
[View online »](#)

Protein Sequence: >RC225342 representing NM_001113402
 Red=Cloning site Green=Tags(s)

MPRPRRVSQLLDLCLWCFMKNISRYLTDIKPLPPNIKDRLIKIMSMQGQITDSNISEILHPEVQTLDLRS
 CDISDAALLHLSNCRKLKLNLNASKGNRVSVTSEGIKAVASSCSYLHEASLKRCNNLTDEGVVALALNC
 QLLKIIDLGGCLSIDVSLHALGKNCPFLQCVDFSATQVSDSGVIALVSGPCAKKLEEIHMGHCVNLTG
 AVEAVLTYCPQIRILLFHGCPILTDHSREVLEQLVGPKNLKQVTWTVY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



* The last codon before the Stop codon of the ORF

ACCN: NM_001113402

ORF Size: 774 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_001113402.2

RefSeq ORF: 777 bp

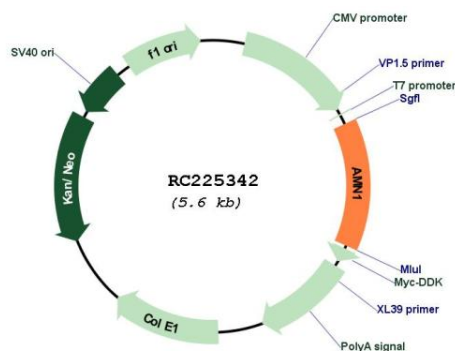
Locus ID: 196394

UniProt ID: Q8IY45

Cytogenetics: 12p11.21

MW: 28.2 kDa

Product images:



Circular map for RC225342