

## Product datasheet for **RC214042**

### AGAP11 (NM\_133447) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	AGAP11 (NM_133447) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	AGAP11
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>RC214042 representing NM\_133447  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGACAATAATATCTGTGACCTTGAGATACATCATCATACACGAAAGAGATGCAGATAGATCTTTGA  
 CCATACCTTGATGAACAGTTATACTCATTTCGCTTTCCACCGTGACATTACGAAGAAAAGAAATGGAGG  
 TGGGAGTTAAATAACTATTCTCCTCCATTCCATTGACTCCCAGCACCAGCCAGGAGGACCTTTATTTT  
 AGTGTTCCTCCCCTGCCAACACACCCACGCCCATTTGCAAGCAGTCCATGGGCTGGTCCAACTGTTTA  
 CATCTGAGAAAGGGAGTGACCCAGACAAAGGGAGGAAAGCCCTGGAGAGTCACGCTGACACCATCGGGAG  
 CGGCAGAGCCATCCCATTAACAGGGCATGCTCTTAAGCGAAGTGGGAAATGGCTGAAGACATGGAAA  
 AAGAAATATGTCACCCTGTGTTCCAATGGCGTGTCCATATTATTCAAGCTTAGGTGATTATATGAAGA  
 ATATTCATAAAAAAGAGATTGACCTTCGGACATCTACCATCAAAGTCCCAGGAAAGTGGCCATCCCTAGC  
 CACATCGGCCTGGCACCATCTCCAGTCTAAAAGCAATGGCCTATCCAAGACATGGAAGCTCTGCAT  
 ATGTCAGCCAATTCAGACATCGGGCTGGGTGACTCCATATGCTTCAGCCCCAGTATCTCCAGCACCA  
 GCCCAAGCTCAACCTGCCCCCTCCCCTCATGCCAATAAAAAGAAACACCTAAAGAAGAAAAGCACAA  
 CAACTTAAAAGATGATGGCCTGTCCAGCACTGCTGAGGAAGAAGAAGAAAAGTTTATGATTGTGCCGTC  
 ACTGGCCAAACGTGCCACTTTAAAGCCACGACGTATGAGGAGCGGGATGCCTGGGTTCAAGCCATCCAGA  
 GCCAGATCCTGGCCAGCCTGCAGTATGCGAGAGCAGTAAAAGCAAGTCCCAGCTGACCAGCCAGAGTGA  
 GGCCATGGCCCTGCAGTCGATCCAAAACATGCGTGGGAAGTCCCCTGCGTGGACTGTGAGACCCAGAAT  
 CCTAAGTGGCCAGTTTGAAGTGGGAGTCTCATGTGATTGAATGTTCAAGAAATCCACCGCAGTCTTG  
 GCACCCGCTTTCCCGTGTGCGATCTCTGGAGCTGGATGACTGGCCAGTTGAGCTCAGAAAGGTTATGTC  
 ATCTATTGGCAATGACCTAGCCAACAGCATCTGGGAAGGAGCAGCCAGGGCAGACGAAACCCTCAATA  
 GAGTCAACGAGGGAAGAGAAGGAACGGTGGATCCGTTCCAAATATGAGCATAAGCTCTTTCTGGCCCCAC  
 TACCCTGCACTGAGCTGTCCCTGGGCCAGCACCTGCTGCGGGCCACCGCTGATGAGGACCTGCGGACAGC  
 CATCCTGCTGCTGGCACATGGCTCCCCTGAGGAGGTGAACGAGACCTGTGGGGAGGAGACGGCTGCACG  
 GCGCTCCATCTGGCCTGCCGCAAGGGGAATGTGGTCTGGCGCAGCTCCTGATCTGGTACGGGTGGACG  
 TCATGGCCCGAGATGCCACGGGAACACAGCGTACCTACGCCCCGAGGCTCCAGCCAGGAGTGCAT  
 CAACGTGCTTCTGCAGTACGGCTGCCCCGACGAGTGCCTG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC214042 representing NM\_133447  
 Red=Cloning site Green=Tags(s)

MTIISVTLEIHHHITERDADRSLTILDEQLYSFAFSTVHITKKRNGGSLNHYSSSIPLTPSTSQEDLYF  
 SVPPTANTPTPICKQSMGWSNLFSEKSDPKGRKALESHADTIGSGRAIPIKQGMILLKRSKWLKTKW  
 KKYVTLCSNGVLTYYSSLGDMKNIHKKEIDLRTSTIKVPGKWP SLATSACAPISSSKSNGLSKDMALH  
 MSANSDIGLGD S ICFSPSISSTTSPKLNLPSPHANKKKHLKKSSTNNLKDDGLSSTAE E E E E E F M I V S V  
 TGQTCHFKA TTYEERDAWVQAIQSQILASLQSCSSKSKSQLTSQSEAMALQSIQNMGRNSHCVDQETQN  
 PKWASLNLGVL M CIECSGIHRSLGTRL SRVRSLELDDWPVELRKVMSSIGNDLANSIWE GSSQGQTKPSI  
 ESTREEKERWIRSKYEHKLF LAPLPCTELSLGQHLLRATADEDLRTAILLLAHGSREEVNETCGEGDGCT  
 ALHLACRKGNNVLAQLLIWYGVDMARDAHGNTALTYARQASSQECINVLLOYGCPDECV

**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/jc1357\\_c06.zip](https://cdn.origene.com/chromatograms/jc1357_c06.zip)

**Restriction Sites:**

Sgfl-Mlul

**Cloning Scheme:**


**ACCN:** NM\_133447

**ORF Size:** 1650 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\\_133447.2](#)

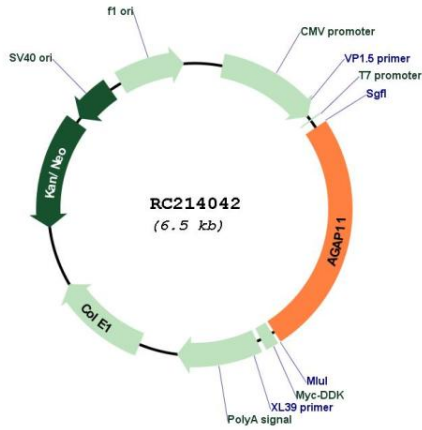
**RefSeq Size:** 3155 bp

**RefSeq ORF:** 1653 bp

**Locus ID:** 119385

**UniProt ID:** Q8TF27  
**Cytogenetics:** 10q23.2  
**MW:** 60.4 kDa  
**Gene Summary:** Putative GTPase-activating protein.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for RC214042