

## Product datasheet for **RG206342**

### **KIAA1467 (FAM234B) (NM\_020853) Human Tagged ORF Clone**

#### **Product data:**

|                           |   |
|---------------------------|---|
| Product Type:             | Expression Plasmids                                   |
| Product Name:             | KIAA1467 (FAM234B) (NM_020853) Human Tagged ORF Clone |
| Tag:                      | TurboGFP  |
| Symbol:                   | KIAA1467  |
| Synonyms:                 | KIAA1467  |
| Mammalian Cell Selection: | Neomycin  |
| Vector:                   | pCMV6-AC-GFP (PS100010)                               |
| E. coli Selection:        | Ampicillin (100 ug/mL)                                |



[View online »](#)

**ORF Nucleotide Sequence:**

>RG206342 representing NM\_020853  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGCGACCGTGTCTCCAGGGCGCTCAAGCTGCCGGGAAGAAGAGCCAGACCTAGGGGAGTATGATC  
 CACTTACCAGGCTGACAGTGATGAGAGCGAAGACGATCTGGTGCTTAACCTGCAGAAGAATGGAGGGT  
 CAAAAATGGGAAGAGTCCTTTGGGAGAAGCGCCAGAACCCTGACTCAGATGCTGAGTTGCAGAGGCTGCA  
 AAGCCACATCTTTCAGAAGTCACCACGGAGGGCTACCCCTCAGAACCCTTGGGGCCTGGAACAGAAGG  
 CGGCCCTCCTCCCTGGTGCATATGTGCGCACGTCTGTCTTCTGCTGACTTTGGGGATCTCGATGATCCT  
 GGTGCTCCTGTGTCTTCTGATCCCTGTCTCCAGAGATCTGCACAGCACCTGGAGCCGCCACTTG  
 GGCTCCAGGGAGGTGGGACCTGTCTCCATTGGAATTGGCTGATGTGAATGGAGATGGCTGCGTGATG  
 TGCTTCTCCTTTGTGATGTCAAGGAACGGGAGTGCAGTAGGTGTCTCAAGACCAGCTGCTAATCTTGT  
 ATGCCTTCGGGGATGAATGGCAGCACACTGTGGTCTAGTCTTCCCTGAGGAGCTCGAGATATCACA  
 TGTTTGGAGCTGATGCCAGGAAGCTTGGCTGAAACCATCTGCCTTGTGACAGGGACACACAAGATGCTCA  
 GCGCATCAATGCAACGTCAGGGAAGCCATTTGGACTTTAAACCCAAACTACTTGTCCAACGGTACCTT  
 GGCTGCCCCAGTTGTGGTACTGCCAGACTTGGATGAAGACGGTGTTCGAGACCTTGTGGTTCTGGCCATT  
 GGGGAATTGCAGCCAGATCTGTGCTTCTGCTGGTGTCTGGCCGACCGGAAATCCAGTGGGTCGACCTG  
 TGAAGTACAACATCGTTGGAGTTGGGAATCTGATTGGTCTCAGGTTTACATCACCACAAATGGGGCTGT  
 CTACATCTGTTGGCTTTGAAATATAACAAGCTGTGCGACTGCGGGACATTTTTGTTCAGGCCAAAAT  
 CGAGACAGCTCACCACCTTCTCTGCAGATAGAAGAGCCAGAATGGGAAAAGCGAAGATCCATCAACCTGT  
 CTGAGCTCATTGATGTTTACAGTGTGGTGTGAACTACTCCAGATGGTGAAGGCACAGATCCAACTG  
 CAGCAACCTTCTGATTACAACCAGACAAAAGCCTTGTGCTGCTTCGGGGGCAAAATCTGACACCTTACTGG  
 GCATTGAGACTTCAAGGCCTGCGCAGCCAGCCTACTCCTGGATATTTCACTGATGATCAGACATTAGACT  
 TCCTTCTGCAGATACAGGATGGAGTTGGGATGAAAAGATGATGGTTGTGGATGGTACTCTGGCTCCAT  
 TGTTTGGAGTTACCGTGTCCGTGTCACATGAAAGAAACGCCAGCCACCTCAGCAGTTACTTCAGACCAG  
 AAGTCTGTCTTCTTCTGGGCCGAAGGGCTGTGAGTGCATCTCCCAATTCGATATCATCTAGGAA  
 CTGAGCCGCCAGCCTTACCACCTTACCTCCTGCATCTGCGTTCCCTCCATCCTTCTGGATCTGGC  
 CAACACCACCGGCACAGTACGGCTTCCAGAGTTGGAATTAACGACCTCTGGAAAGATGCCTTTTATGTT  
 ACCAGGACAACAGGGCCAAGCTCCGAAGCCATCCAGCAGCCCTGGTGGTCAGCAAGCTTAGTCTACGGT  
 GGGCACTAATGGAGGGCCAGATGGCTCAGCTACAGGAGTCCACCCCAAAATTTGGCCGTGGGGAGCTGCG  
 AAGATTTCTCTAGGATAAAGTTTGTGAAGCTCCCTACGAGATC

**ACGCGT**ACGCGGCCGCTCGAG – GFP Tag – GTTTAA

**Protein Sequence:**

>RG206342 representing NM\_020853  
 Red=Cloning site Green=Tags(s)

MATVLSRALKLPGKSPDLGEYDPLTQADSDESEDDLVLNLQKNGGVKNGKSPLGEAPEPDSAEVAEAA  
 KPHLSEVTTEGYPSEPLGGLEQKAASSLVSIVRVSFVLLTLGISMILVLLCAFLIPCPRDLHSTWSRHL  
 GSQGGDLSPLELADVNGDGLRDVLLSFVMSRNGSAVGVSRAANLVCLSGMNGSTLWSSLLPEEARDIT  
 CLELMPGSLAETICLVGTHKMLSAFNATSGKAIWTLNPNYLSNGTLAAPVVVLPDLDEDGVRDLVVLAI  
 GELQPDLCFLLVSGRTGNPVGRPVKYNIVGVGNLIGPQVYITNGAVYILFGFGNIQAVALRDIFVQAQN  
 RDSSPPSLQIEEPEWEKRRSINLSELIDVYSDGVELLQMVKAPDSNCSNLLITTRQSLVLLRGQNLTPYW  
 ALRLQGLRSQPTPGYFTDDQTLDFLLQIQDGVGMKMMVVDGDSGSIVWSYRAPCHMKETPATSAVTSOQ  
 KSVFLFWAEGLSAASPNSDIILGTEPPSLHHLVLLHPAFPSILLDLANTTGTVTASEVGINDLWKDAFYV  
 TRTTGSPSEGHPAALVVSLSLRWALMEGQMAQLQESTPKIGRGELRRFLSRIKFVEAPYEI

**TRTRPLE** – GFP Tag – V

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**


**ACCN:** NM\_020853

**ORF Size:** 1866 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\\_020853.1](#), [NP\\_065904.1](#)

**RefSeq Size:** 4725 bp

**RefSeq ORF:** 1869 bp

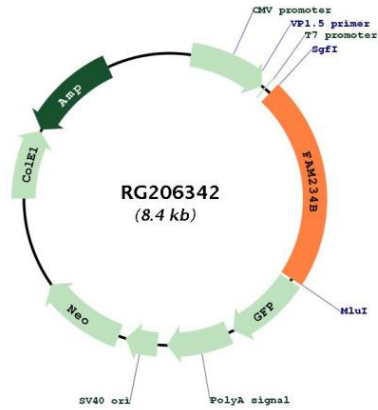
**Locus ID:** 57613

**UniProt ID:** [A2RU67](#)

Cytogenetics: 12p13.1

Protein Families: Druggable Genome, Transmembrane

**Product images:**



Circular map for RG206342