

## Product datasheet for **RG219100**

### **FAM184A (NM\_001100411) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	FAM184A (NM_001100411) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	FAM184A
Synonyms:	C6orf60
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide  
Sequence:**

>RG219100 representing NM\_001100411  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGAAGCAGCAGGCTTTGACAGAATTTGAAGCTTATAAGCACAGAGTTGAGGACATGCAACTTTGTGCAG  
 AAGCCCAGCATGTCCAACGCATAGTGACCATGTCTAGAGAAGTCGAAGAGATTAGAAGGAAATTTGAAGA  
 AAAATTACGGAGCTTTGGACAACCTCAAGTACAGTTTGAAAAAGACAAACGATTGGCATTGGAAGACTTG  
 CAAGCTGCTCACAGACGGGAGATACAAGAGCTATTGAAGTACAGCAGGATCACAGTGCCTCAGTAAATA  
 AAGGCCAGGAAAAGCAGAGGAACACACAGAATGGAGGTGGAGTCCCTAAACAAATGCTTGAGGAGCT  
 AAGACTTGAACGGAAGAACTAATTGAGGATTATGAAGGCAAGTTGAATAAAGCTCAGTCTTTTATGAA  
 CGTGAGCTTGATACTTTGAAAAGGTCACAGCTTTTACAGCAGAAAGCCTACAGGCCAGCAAGAAAAGG  
 AAGCTGATCTTAGAAAAGAAATTTAGGGACAAGAAGCAATTTACGAAAACTATAGGAAAATTAAGAC  
 AGAGTTACAGATGGTACAGGATGAAGCTGGAAGTCTTCTTGACAAATGCCAAAAGCTTCAGACGGCACTT  
 GCCATAGCAGAGAACAATGTTTCAGGTTCTTCAAAAACAGCTTGATGATGCCAAGGAGGGAGAAATGGCCC  
 TATTAAGCAAGCACAAAGAAGTGAAAAGTGAGCTAGCAGCTGCCAGAGAACGTTTACAACAGCAAGCTTC  
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 TGAAGCAAAGAGAAGTCAAGCAAGAAATTTATGAAAGGGAAGTAAAACTGCAAAGTAGATTGGAAGAG  
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 GAAAGGCAACAGCATGAAGAAACAATTGCTGCCATGAAAGAAGAAGAGAAGCTCAAAGTGGACAAAATGG  
 CCCATGACTTAGAAATTAAGTGGACTGAAAATCTTAGACAAGAGTGTCTAAACTTCGTGAAGAGTTAAG  
 GCTTCAACATGAAGAGGATAAGAAGTCAAGCAATGTCTCAACTTTTGCAGTTGAAAGATCGAGAGAAAAAT  
 GCAGCAAGAGATTCATGGCAGAAGAAAGTAGAAGATCTCTTAAACCAGATTTCTTGGCTGAAACAGAAATC  
 TGGAGATACAGCTTTCCAGTCTCAGACTTCTTGAACAACAGCAAGCCAGTTTACGCAAGAAGGACA  
 GCGGCTTACGCAAGAGCTTGAAGAATTAGAGGAGCAACATCAGCAAGACACAAAATCATTAAAAAGAGCA  
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 CTAATTGAGGATAATAAGTTTTATCAGCTGGAATTAGTCAATCGAGAAACTAACTTCAACAAAGTGTTTA  
 ACTCAAGTCTACTGTTGGTGTATTAAATCCATTGGCTAAGCAAAAAGAAGAATGATAAATCACCAAC  
 AAACAGGTTTGTGAGTGTCCCAATCTAAGTCTGGAATCTGGTGGAGTGGGCAATGGACATCCTAAC  
 CGCCTGGATCCCATTCTAATTCTCAGTCCACGATATTGAGTTCAACAGCAGCAAAACACTTCCACAGC  
 CAGTGCCACCTAAAGGGCCAAGACATTTTGAAGTCTGCTCAGAGTGAAGCTTCTCCAGTGGCTTCTCC  
 AGATCCCAGCGCCAGGAGTGGTTTGCCGGTACTTCACATTC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >RG219100 representing NM\_001100411  
 Red=Cloning site Green=Tags(s)

MKQQALTEFEAYKHRVEDMQLCAEAQHVQRIVTMSREVEEIRRKFEEKLRSFGQLQVQFEKDKRLALEDL  
 QAAHREIQELLKSQQDHSASVNGQEKAEELHRMEVESLNKMLEELRLERKKLIEDYEGKLNKAQSFYE  
 RELDTLKRSQLFTAESLQASKEADLRKEFQGQEAIRKTIIGLKTQLMVQDEAGSLLDKCKQLQAL  
 AIAENNVQVLQKQLDDAKEGEMALLSKHKEVESELAARERLQQQASDLVLKASHIGMLQATQMTQEVTI  
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 EVTQLNEAHSKLTLEELAWKHHMAIEAVHSNAIRDKKKLQMDLEEQHNKDKLNLEEDKNQLQEQLENLKEY  
 LEDKLNANTANQEIHLQDMVRKSEQGLGSAEGLIASLQDSQERLQNELDLTKDSLKETKDALLNVEGELEQ  
 ERQQHEETIAAMKEEEKLVKDMAHDLEIKWTENLRQEC SKLREELRLQHEEDKKSAMSQLLQLKDREKN  
 AARDSWQKKVEDLLNQISLLKQNLQIQLSQSQTSLQQLQAQFTQERQRLTQLEEELEEQHQQRHKSLEA  
 HVLAFQTMEEKEKEQRALENHLQQKHS AELQSLKDAHRESMEGFRIEMEQLQTLRFELEDEGKAMLAS  
 LRSELNHQAAAAIDLLRHHHQELAAA KMELERSIDISRQSKHEICRITDLQEELRHREHHISELDKEV  
 QHLHENISALTKELEFKGKEILRIRSESNQQIRLEEMEEKYLMRESKPEDIQMITELKAMLTERDQIIKK  
 LIEDNKFYQLELVNRETNFNKVFNS SPTVGVINPLAKQKKKNDK SPTNRFVSVPNLSALESGGVGNHPN  
 RLDPIPNSPVHDI EFNSSKPLPQPVPKGP KTF LSPAQSEASPVASDPQRQEWFAFYFTF

TRTRPLE - GFP Tag - V

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**



**ACCN:** NM\_001100411

**ORF Size:** 2913 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\\_001100411.2](#)

**RefSeq Size:** 3519 bp

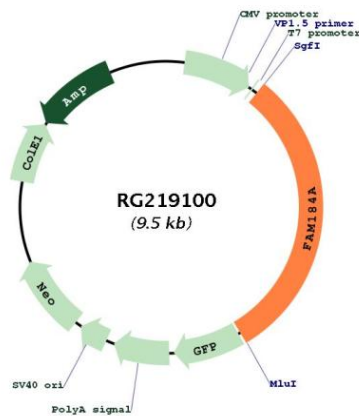
**RefSeq ORF:** 2916 bp

**Locus ID:** 79632

**UniProt ID:** [Q8NB25](#)

**Cytogenetics:** 6q22.31

**Product images:**



Circular map for RG219100