

Product datasheet for **RG209173**

FAM184A (NM_024581) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM184A (NM_024581) 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)
ORF Nucleotide Sequence:	>RG209173 representing NM_024581 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGACTACAGCCAGGAGATGCACCTGAAATTGAGCAAGAAAAATCGCCAGCTCACCAAGGTAATATATG
CTTTAAACACTAAAAATGATGAGCATGAATCTGCAATTCAGCCCTCAAAGATGCTCATGAAGAAGAAAT
TCAACAAATCTTGCTGAAACAAGAGAAAAATATTGCAGTATAAAAGCAAAGTAACAGAGGAGCTAGAC
CTTAGAAGAAAGATTCAAGTTTTAGAATCATCATTAGAAGATCACATAAAAAATGAAGCAGCAGGCTTTGA
CAGAATTTGAAGCTTATAAGCACAGAGTTGAGGACATGCAACTTTGTGCAGAAGCCAGCATGTCCAACG
CATAGTGACCATGTCTAGAGAAGTCGAAGAGATTAGAAGGAAATTTGAAGAAAAATTACGGAGCTTTGGA
CAACTTCAAGTACAGTTTGAAAAAGACAAACGATTGGCATTGGAAGACTTGCAAGCTGCTCACAGACAGG
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CTAATTGAGGATTATGAAGGCAAGTTGAATAAAGCTCAGTCCTTTTATGAACGTGAGCTTGATACTTTGA
AAAGGTCACAGCTTTTTACAGCAGAAAGCCTACAGGCCAGCAAAGAAAAGGAAGCTGATCTTAGAAAAGA
ATTTCAAGGACAAGAAGCAATTTTACGAAAAACTATAGGAAAATTAAGACAGAGTTACAGATGGTACAG
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GAAGAGGATAAAAATCAGCTTCAACAAGAGCTAGAAAACCTAAAGGAAGTACTGGAAGACAAGTTGAATA
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 AAGGGCCCAAGACATTTTGTAGTCTGCTCAGAGTGAAGCTTCTCCAGTGGCTTCTCCAGATCCCCAGCG
 CCAGGAGTGGTTTGCCGGTACTTCACATTC

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG209173 representing NM_024581
 Red=Cloning site Green=Tags(s)

MDYSQEMHLKLSKKIAQLTKVIYALNTKNDEHESAIQALKDAHEEEIQQILAETREKILQYKSKVTEELD
 LRRKIQVLESSLEDHIKMKQQALTEFEAYKHRVEDMQLCAEAQHVRIVTMSREVEEIRRKFEELRSFG
 QLQVQFEKDKRLALEDLQAAHRQEIQELLKSQQDHSASVNGQEKAEELHRMEVESLNKMLEELRLERKK
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 HLRKNI MRADFNTNELLKEINAALQVSLSEEMEEKYLMRESKPEDIQMITELKAMLTERRDQI IKKLIED
 NKFYQLELVNRETNFNKVFNSPTVGVINPLAKQKKKNDKSPTRNFVSVPNLSALESGGVNGHPNRLDP
 IPNSPVHDI EFNSSKPLPQVPPKGPKFTLSPAQSEASPVASPDQREWFARYFTF

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_024581

ORF Size: 3321 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_024581.3](#), [NP_078857.4](#)

RefSeq Size: 4057 bp

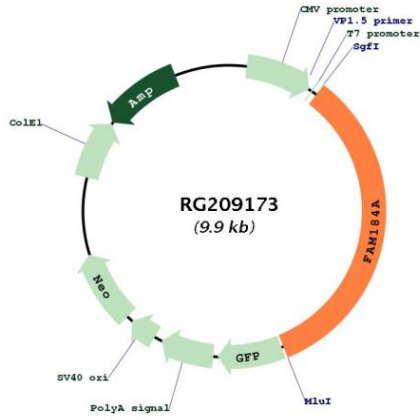
RefSeq ORF: 3423 bp

Locus ID: 79632

UniProt ID: [Q8NB25](#)

Cytogenetics: 6q22.31

Product images:



Circular map for RG209173