

Product datasheet for **RG207334**

C17orf57 (EFCAB13) (NM_152347) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C17orf57 (EFCAB13) (NM_152347) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	C17orf57
Synonyms:	C17orf57
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG207334 representing NM_152347
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAACATAAAGTACATTTATTCTGCCAGGCAGAGGAAAATATTGACTTATTAGATGATGGCTCTAATT
 CTTTTGCAACTGACTTGTTCATCAGGAACATTAACCACAAGAAATACATCAAGTTTTCTAAAACAATAGA
 GAAGGAAATTTACCGGAAATTAGGAGTTTGAGCCAGAATATAAAAAAATTTTGAAACATCAATAATC
 TTTTGTGGAGAAGAAAAGTCTCTGATTTTTAGGAGAAAAAAGTTGGGAGAAAGAGTTTACAAGTAC
 AACAGCACAGTAAAAGAAGTGAATTAACCTCTTTCTGAAGCTGTCAAAGGAGAAGGTGACAAGGAA
 AGAAAACCTTTATGCAAGTTGCCGAATCAGTACAGCGTTCACAAGACTTCATCACCTCTTTGTACATCT
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 GATATTTACACTCAAAGAATTAAGTGCACCTCATAAAGCCTGTAAAATTTTAGTAAAATTCGAAGTGG
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 CGACAGGCACTAAAGACTGTTGATATTGATGCATTCCAGGATGCCTTGAAGATTTCTGTAGGATAAAAG
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 TAAAATTAAGATAAAAAATGTGGATTATGAGGATCTAAATACTTGTCTTCAAAATTTTGGTATTTACCTT
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 GAAAGAGGCTTCAAATCTAAAATTAACAAAGTAAACGAGATTAAGAAGCTGCTAACATCTTGTCCAT
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 AGAATTTATGACTAAATATCCGATATATTGACAATTCCTAAAGCTGCAGGTAAGTTTTATTTAATATGT
 ACTTATTGCCAGATCTAGAAAGGCAAGCAGTGGTTTACATGTTAAAAACAATACAGGATTCGATAGTTA
 AAGCACAGGTAAGTAAGAAGCAATACAATATGAATATAAAAAACAACAAGATTAGTTTACATAACTCTG
 TTTGAATTTAAGGCAAATATTGCTAAGCTTAACCCAACTCAAATTT

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence: >RG207334 representing NM_152347
Red=Cloning site Green=Tags(s)

METKVHLFCQAEENIDLLDDGSNSFATDLSSGTINHKYIKFSKTIEKEISPEIRLSPEYKKIFETSII
 FCGEEKSSDFSGEKKVGRKSLQVQHQSKRTEIIPPFLKLSKEKVTRKENSCLKLPNQYSVHKTSSPLCTS
 SAITREKEMLSNLYMTLYDEVTHGYLHSELKLSALHKACKIFSKIRSGKIYVNDLPVILCILRISISDLEM
 RQALKTVDIDAFQDALKIFCRIKGGRVSTDDVFVAVLDSMGIPINREILEEVTKHTYIDSNHMVDIGDIIF
 TLNELQEYEDVSIETEGSPLNEITSDRKLSSVAGCYLKYKKNSLSSKLEPESISKKLNKKSQYYSKIM
 ENDDLESKRPKNTWQIRKFLGGVSSNVGVQEPYSKNGINFKKHSEKGEIHDSKSKPQSLKSSTLSKSL
 DKSDISSIPKLQKPAVRKHSSLQKQVSSTEKTAISTLENFCEAISKLQENYIAAEELQSILPSTGINLLD
 EEFQKIVTDTSRNENGMVELDDFVNALAKERSFPECNALPGVIKAIKDKIKDNVDYEDLNTCLQNFGIYL
 SKPEFKITELTEAGETKKNVNFKEFIDTMSNTECFSEKLVLPDAIETLDDLKRVTSVSDLVNTLSSLN
 SNLKKDEFLLAELVTVDGDKVQFEFAKVVNRMDAARLEELQEVVLAADLLEGDMIAGKNEIDFLRN
 VGIKSPKEEVEKILQSDFVSEDNMVNIKDCMRALRDTQKF SNYIDFRKEASNLKLPKVNEIKEAANILSH
 VDNGKIGIPDLEHALKCLNVNLTEEDFNEALNCCNVSDNMEVDLKDFLMKMKESPHFQKSKATQILLATT
 QILQNDLVDSVSLKTLMDKDLHTANAILTVMRLRHVPEHESGKVS IQEFMTKLSIDLTPKAAGKFYLIC
 TYCPDLERQAVVYMLKTIQDSIVKAQVSKKQYNNMIKQHKISLHNFCLNSKANIACLNPNSKF

TRTRPLE – GFP Tag – V

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_152347

ORF Size: 2919 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_152347.3](#), [NP_689560.2](#)

RefSeq Size: 3944 bp

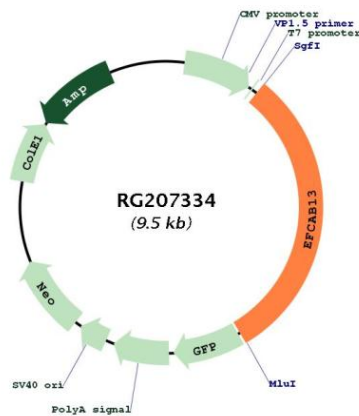
RefSeq ORF: 2922 bp

Locus ID: 124989

UniProt ID: [Q8IY85](#)

Cytogenetics: 17q21.32

Product images:



Circular map for RG207334