

Product datasheet for **RG227865**

EFCAB5 (NM_001145053) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EFCAB5 (NM_001145053) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	EFCAB5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG227865 representing NM_001145053
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGATGAAATCAAATCCCAAGAATTAACCTGGAGGGCAGCGAAAAATTTACCTGGTTCAATAAAGG
 ACTCTAAAACCTGAAGCCTCAGGTAATATTGCAATTAGAAAAATCTGCAAAAGTGATTTTTGCTTTAGATGA
 AACTGAACTGAAATCAAAGCCAGAGCACACATGGAAGAAAAACCTTTTTGAAAGAATGGAGGCAAGAGCC
 CAAGCAATGCAGCAGAAAAATAATAGATAAGGAAAACTGAAGAAGGAACTAGAAAAAAGGCTGAAAAAA
 AACTCCCTAGGGATAATTTGGCCAAAGAGTGGTTAATACTGACAGCATGACACTGAATAATACTGCATA
 TTTGCTTGACAACTTCTACCCACCTTAGTTCCTGGAGTAGAAAAACATGTTAACTCAAGTAGAAAAAGAG
 AAGTTTTGACAGAAGCTGATACTCCAAGCAAGTTTGACCCAATTAATTTTGGGGGAATATTTAATAA
 GAAACAATCCTAATTATCAAAGACCCAGGAATGTCTGGTTACCAGAGGTTGATGAAAGAAGTCACAGA
 AGACCTGAAGATATATGTTCTGACACTATCTGCAACAGAGTATCCAAGATGAAGGAGAATGTTAAACAG
 AATAGAAAAACAAAGAGAAAGCATAGACAAAATCAAAGTCAAGGTGGCCAACACACGGAAACAGGCTCTGC
 AGGAGCAATTCGATGAATGGATTCTAGACCCTAAAGGAATGATTCCTAAGTCAGTGATTCAGAATGTTCT
 TCAAGAATTTTCAAATCCAGATTTCAAGCTTGGATCACACTGCAAACTGGATATTAAGTACTGACTCA
 ACAGAACCAAGATTGAACAAAATGGAATTTACAGAATACATCTCTTACATATTAAGACTTGAAGAGTG
 AAATGTTTGAGGAACTTCTTAAGCACCTTTGCCACTCTGCAGATGAATTTGCGGAGGTCATAAAGCTGA
 CATGCGGAGGCAGATGTTGCTGAACTCTTCTACATTGTGACCACGGGAAGGTAGGTTTTTGGATCGG
 CAGAGTCAATGGCCCTGCTGGAATTTGCTATGACCATAGTTCACAAATGCTTAGGAGTTTACTTCGAA
 ACCACGACAATGGCCATTCAATGAATTTGAAGAGATAAACTTGACTGAGTTGTGGGAGAGATGGATAA
 TCAGAAAAACATTTATGAAGTTTTGACAAAGTCTCTGGAGATGAATACATTACTTTCTGCAAAATCAT
 GCTAGCAAAACCCAAAGTAAATTTAGAAAGTCCAGATCAACCTAACTTAACGAACAGAGAATCAACAA
 CACCATACCAAACCCGCCAGAACAGCAGAGAGGAGTAACTGCAGAACAAAGGACCACAAAGAAATTTCAAT
 TGAAGAACAACAAGGCAAAAGCCAACTGCAGAGCAAGAAGTGTACATAGAATCAGTAATAGAACCA
 GGAACACACAGAGTCAACTCTAGAACAAGGGTCAAGTAGAAGGTTACTGACAGAACAAGAAACACACA
 GAGAGTCAACTACAGAACAAGGACAGCACAAGGGTCAATAGAAGGACAAGGACCACGCAGAGTGTCAAGT
 TTCAGAACAAGGATCAAGCAGAGAGTCAAGTGCAGAACAAGGGTCAAGCAGAGAGTCTATTGCAGAACAA
 GATCGACACAAAGGTCAGTAGCAGAACAAGGATCACGCAGAATGTCAGCTGCAGAACAGGGATCACTCA
 GAGAGTCAGTAATAGAAGAACCATACCAAAAATCAGAACAAGGACCTTATGGAGAGATAATTTAGAAAG
 GCAAGAAGACATAGGCTCAACTTCAATCAAGAAAAGATAGTATCTTAAAAAGTACAAAATATGGGGAA
 CCTATAACCTCTGAGTACATTGAAGTCCCTCTACAGGAAAAGAGGCTTTGGGAACAAACATATGAAGAGG
 AAATATTCCTGAGTTCTGAACTGCAAGAGGAAGTTCCAACCTTAAGCAGAAAAGATCACTTTCCAGAAAC
 TACAAAAAAGGAAGTTCAGAAAGACAAGCCCTGTGAACCAAGTCCCAAAAAATAGAAGGAAAGTCAATGG
 TCAGGTGAATTTTTTACTTGTAACTGAAAAATGAAGTATGTCACATTTGAAGATGAGGAACAGGCAAACT
 TAATCTATGGTAACTCCAGGTTACAGATTTACTCAATATCAGAAAATTCAGTCTTGAAGGAGGT
 AAAAGGCAGAACTGCCTTCAATGGAGTTTCATTCATCTGCTCCAGTTTGTGCAACTCCTGGAGACATTT
 GTTGGTGAAGACGCTCCCTTGAAGTGTGAGGAGACTCTCACCTCTTTTTTAAGGAGGGCTATGTTGAAA
 CAGAACAAGAGAAAATGAATGCCTTAGAACAGGTCTCACTCTGTGCGCAGGCTGGAGTGCAGTGGCGCAA
 CTGTAGCTCACTGCAGCCTCCAACCTCCGGACTCAAGCGATCATCCCATCACAGACTCTGAGCAACTGG
 GACTACAGGGAAGAAGGAAGTTTTTCTCTTGGAGACCAAAATTTCCA

ACCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence: >RG227865 representing NM_001145053
 Red=Cloning site Green=Tags(s)

```
MDEIKSQELNLEGQRKISPGSIKDSKTEASGNIAIRKSAKVIFALDETELKSKPEHTWKKNLFERMEARA
QAMQQKIIDKENLKKELEKKAEEKLPRDNLAKWFNTDSMTLNNTAYLLDKLLPTLVPGVENMLTQVEKK
KVLTEADTPSKFDPINYLGEYLIRNNPNYIKDPGMSGYQRLMKEVTEDLKIYVPDTICNRVSKMKENVKQ
NRKQRESIDKIKVKVANTRKQALQE QFDEWILDPKGMIPKSVIQNVLQEFFQNPDFKLGSHCKQLDITDS
TEPRLNKMEFTEYISSHIKDLKSEMFEELLKHLCHSADEFREVIKADMRRQMF AELFLHCDHGKVGFLDR
QRTLALLELFYDHSSQMLRSLLRNPRQWPFI EFEEINL TELWGDMDNQKHIEGFDKVLLEMNTLLSANH
ASKTQSKLLESPDQPKLNEQRTSTPSPNPPEQQRGVTAEQGPQRISIEEQQGKKPTAEQELYIESVIEP
GTHTESTLEQGSSRRLLEQETHRESTTEQGQHKGSIEGQPRRVSVSEQGSRESVAEQGSRRESIAEQ
DRHKGSAEQGSRMSAAEQGSLRESVIEEPYQKSEQGPYGEIIS EEQEDIGSTSQSRKDSILKSTKYGE
PITSEYIEVPLQEKRSWEQTYEEEEIFLSSELQEEVPTLSRKDFHPETTKKEVQKDKPCEPKSQKIEGKSW
SGEFFTCNWKMKYVTFEDEEQANLIYGNSRFTDLHSIIRNIQSCKEVKGR TAFNGVSFNLLQFVQLLETF
VGEDAPLSVSETLTSFFKEGYVETE QEKMNALEQVSLCRQAGVQWRNCSSLQPPTPGLKRS SHHRLLSNW
DYRERRKFFPLETKFP
```

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-Mlul

- 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_001145053.1](#), [NP_001138525.1](#)

RefSeq Size: 3762 bp

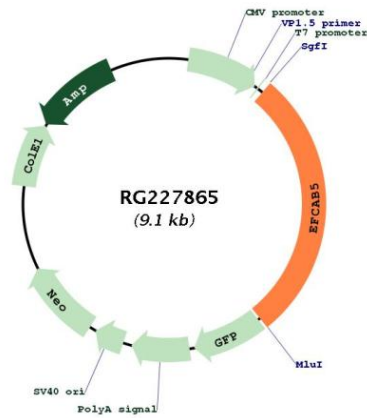
RefSeq ORF: 2571 bp

Locus ID: 374786

UniProt ID: [A4FU69](#)

Cytogenetics: 17q11.2

Product images:



Circular map for RG227865