

## Product datasheet for **RG230868**

### **FBXL5 (NM\_001193534) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	FBXL5 (NM_001193534) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	FBXL5
Synonyms:	FBL4; FBL5; FLR1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>RG230868 representing NM\_001193534  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGCCCTTTCTGAAGAAGTGGACGTCTTACCGCCCCACACTGGCGGATGAAGCAGCTGGTGGGGC  
 TCTACTGCGACAAGCTTTCTAAAACCAATTTTTCCAACAACAACGATTTCCGTGCTCTTCTGCAGCTTT  
 GTATGCTACTTTACGGAGTTCAAATGCATGAGCAGATTGAAAATGAATACATTATTGGTTTGCTTCAA  
 CAACGCAGCCAGACCATTATAATGTACATTCTGACAATAAACTCTCGAGATGCTTAGCCTCTTTGAAA  
 AGGGACTGAAGAATGTTAAGAATGAATGAACAGTTAAATTAAGCAAAACAAGTAAAGAGAGATTGGA  
 GGCTTTTACAAGAGATTTTCTTCTCACATGAAAGAGGAAGAGGAGGTTTTTTCAGCCCATGTTAATGGAA  
 TATTTTACCTATGAAGAGCTTAAGGATATTAAGAAAGAAAGTATTGCACAACACTGCTCTCAGAAGGATA  
 CTGCAGAACTCCTTAGAGGTCTTAGCCTATGGAATCATGCTGAAGAGCGACAGAAGTTTTTAAATATTC  
 CGTGGATGAAAAGTCAGATAAAGAAGCAGAAGTGCAGAACACTCCACAGGTATAACCCATCTTCTCTCT  
 GAGGTAATGCTGTCAATTTTTCAGCTATCTTAATCTCAAGAGTTATGTCGATGCAGTCAAGTAAAGCATGA  
 AATGGTCTCAGCTGACAAAAACGAGATCGCTTTGGAAACATCTTTACCCTGTTTCATTGGGCCAGAGGTGA  
 CTGGTATAGTGGTCCCGCAACTGAACCTTGATACTGAACCTGATGATGAATGGGTGAAAAATAGGAAAGAT  
 GAAAGTCGTGCTTTTTCATGAGTGGGATGAAGATGCTGACATTGATGAATCTGAAGAGTCTGCGGAGGAAT  
 CAATTGCTATCAGCATTGCACAAATGAAAAACGTTTACTCCATGGCTTAATTCATAACGTTCTACCATA  
 TGTTGGTACTTCTGTA AAAACCTTAGTATTAGCATACAGCTCTGCAGTTTCCAGCAAAATGGTTAGGCAG  
 ATTTTAGAGCTTTGTCTAACCTGGAGCATCTGGATCTTACCCAGACTGACATTTTCAGATTCTGCATTTG  
 ACAGTTGGTCTTGGCTTGGTTGCTGCCAGAGTCTCGGCATCTTGATCTGTCTGGTTGTGAGAAAAATCAC  
 AGATGTGGCCCTAGAGAAGATTTCCAGAGCTCTTGAATTTCTGACATCTCATCAAAGTGGCTTTTTGAAA  
 ACATCTACAAGCAAAATTACTTCAACTGCGTGGAAAAATAAAGACATTACCATGCAGTCCACCAAGCAGT  
 ATGCCTGTTTGCACGATTTAACTAAACAAGGCATTGGAGAAGAAATAGATAATGAACACCCTGGACTAA  
 GCCTGTTTCTTCTGAGAATTTCACTTCTCCTTATGTGTGGATGTTAGATGCTGAAGATTTGGCTGATATT  
 GAAGATACTGTGGAATGGAGACATAGAAATGTTGAAAGTCTTTGTGTAATGGAACAGCATCCAACTTTA  
 GTTGTCCACCTCTGGTTGTTTTAGTAAGGACATTGTTGGACTAAGGACTAGTGTCTGTTGGCAGCAGCA  
 TTGTGCTTCTCCAGCCTTTGCGTATTGTGGTCACTCATTTTGTGTACAGGAACAGCTTTAAGAATATG  
 TCATCACTCCCAGAACTTCTGCAATGTGTAGAAAAGCAGCAAGGACTAGATTGCCTAGGGGAAAAGACT  
 TAATTTACTTTGGGAGTAAAAATCTGATCAAGAGACTGGACGTGACTTCTGTTTCTCAGTTTATCTGG  
 ATGTTATCAGATCACAGACCATGGTCTCAGGGTTTTGACTCTGGGAGGAGGGCTGCCTTATTTGGAGCAC  
 CTTAATCTCTCTGTTGTCTTACTATAACTGGTGCAGGCCTGCAGGATTTGGTTTCAGCATGTCCTTCTC  
 TGAATGATGAATACTTTTACTACTGTGACAACATTAACGGTCTCATGCTGATACCGCCAGTGGATGCCA  
 GAATTTGCAGTGTGGTTTTTCGAGCCTGCTGCCGCTCTGGCGAA

**ACGCGT**ACGCGGCCGCTCGAG – GFP Tag – GTTTAA



**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\\_001193534.1](#), [NP\\_001180463.1](#)

**RefSeq Size:** 3537 bp

**RefSeq ORF:** 2073 bp

**Locus ID:** 26234

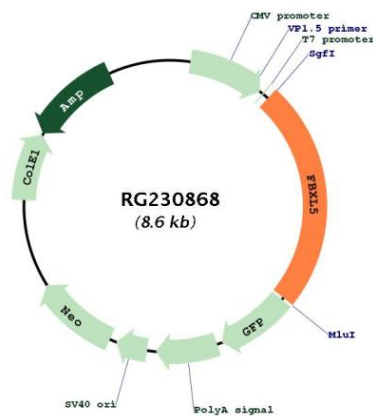
**UniProt ID:** [Q9UKA1](#)

**Cytogenetics:** 4p15.32

**Protein Families:** Druggable Genome

**Gene Summary:** This gene encodes a member of the F-box protein family which is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination. The F-box proteins are divided into 3 classes: Fbws containing WD-40 domains, Fbls containing leucine-rich repeats, and Fbxs containing either different protein-protein interaction modules or no recognizable motifs. The protein encoded by this gene belongs to the Fbls class and, in addition to an F-box, contains several tandem leucine-rich repeats. Alternatively spliced transcript variants have been described for this locus. [provided by RefSeq, Aug 2010]

### Product images:



Circular map for RG230868