

Product datasheet for **RG226094**

FBXL13 (NM_001111038) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	FBXL13
Synonyms:	CFAP169; DRC6; Fbl13
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



ORF Nucleotide Sequence: >RG226094 representing NM_001111038
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGACTCCGGAATTGATGATAAAAGCCTGTAGCTTTTATACTGGACATTTAGTAAAGACTCATTTTTGCA
 CTTGGAGAGACATAGCTCGTACAAATGAAAATGTCGTCCTGGCTGAAAAATGAACAGAGCAGTGACATG
 CTACAATTTTCACTTCAAAAACTGTATTTTCACTGGCACTCTTATATGGAAGACCAGAAAGAAAAA
 CTTAAAAATATTCTATTGCGGATACAACAGATCATCTATTGTCACAAGCTAACCATTTCTTAACAAAAA
 GGCGGAATACAGCAAGACATAAGAGTAAAAAGAAAGATGAGCTGATTTAAACATGAATTTCAATT
 GAAAAAATGGAAAAATAGGTTAATACTCAAAAGAGCTGCTGCAGAAGAATCCAATTTTCTGAACGAAGT
 TCTTCTGAAGTCTTTCTGTAGATGAGACTCTAAATGTGACATTTCACTGTTACCTGAAAGAGCAATAT
 TACAGATTTTCTTCTACCTCAGTTTAAAGATGTGATAATATGTGGTCAAGTTAATCATGCCTGGATGTT
 GATGACACAATAAATACTGCTGGAATGCTATTGATTTTTCTCAGTAAAAATGTGATTCAGATAAA
 TATATAGTGTCTACTTTGCAAAGGTGGCGTTTAAATGTGCTGCGTTTGAATTTTCTGGTGTCTCTCC
 GACCCAAAATTTTCTAGATCTGTGAGCACTGTAGGAATTTGCAAGAGTTGAATGTCTCTGACTGCCAAC
 ATTCACAGATGAATCAATGAGACACATTTCTGAGGGCTGCCGGGGGTCTGTGTCTCAATCTGTCTAAC
 ACAACTATCACCAACAGGACGATGCGACTCCTGCCGAGGCACTCCACAATTTACAGAATCTTAGTTTGG
 CTTATTGCAGACGGTTTACAGACAAAGGCTTACAGTACCTGAATTTGGGAATGGATGCCACAAGTCAT
 CTATCTGGACCTCTCTGGCTGCACCCAGATTTTCACTCAAGGCTTCAAGTACATTGCAAAACAGTGCAT
 GGAATTATGCATCTTACCATTAAATGACATGCCAATCTGACGGAACATGTGTAAGAGCTTTAGTTGAAA
 AATGCTCTCGTATTACATCGCTGGTTTCACTGGTGCACCGCATATCTCCGATTGTACTTTAGAGCTCT
 TTCTGCTTGTAACTCAGAAAGATCCGATTGAAAGGAAATAAAAGGGTTACTGATGCATCCTTCAAATTT
 ATAGACAAGAATTATCCAAATCTCAGTCACATTTATATGGTGACTGCAAGGGAATAACAGACAGCAGCC
 TCAGATCCCTTTACCTTTGAAGCACTGACTGTGTTGAATTTGGCAAATTTGTGAAGAATTTGGTGATAT
 GGGACTAAAGCAATTTCTGATGGTCTGCAAGCATGAGGATAAGAGAGCTAAATTTAAGCACTGTGTG
 CGGCTAAGTGATGCCTCTGTTATGAAACTATCTGAGCGCTGCCCTAATTTAACTACTTGAGTTTACGAA
 ATTGTGAACATTTGACTGCCCAAGGAATTGGATATATTGTAACATCTTTTCTTGGTATCAATAGATCT
 CTCTGGAACAGACATCTCTAATGAGGGTTTGAATGTGCTTTCCAGACATAAAAAATGAAGGAATTTCT
 GTATCTGAATGTTATAGAATCACTGATGATGGAATTCAGATTACTGACTCAGCAATGGAGATGTTATCGG
 CAAAATGCCATTACCTGCACATTTTGGATATCTCTGGTTGTCTTGTCTTACTGACCAAATCCTTGAGGA
 CCTTCAGATAGGCTGCAACAACTCCGGATCCTTAAGATGCAATACTGCACAAATATTTCCAAGAAGGCA
 GCTCAAAGAATGTCATCTAAAGTTCAGCAGCAGGAATACAACATAATGACCTCCACGTTGGTTTGGCT
 ATGATAGGGAAGGAAACCCTGTTACAGAGCTTGACAACATAACATCATCTAAAGGAGCCTTAGAATTAAC
 AGTAAAAAGTCAACATACAGCAGTGAAGACCAAGCAGCG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG226094 representing NM_001111038
 Red=Cloning site Green=Tags(s)

MTEPMLIKACSFYTGHLVKTHFCTWRDIARTNENNVLAIEKMNRVTCYNFRLQKSVFHHWHSYMEDQKEK
 LKNILLRIQQIIYCHKLTIILTKWRNTARHKSKKKEDELILKHELQLKKWKNRLILKRAAAEESNFPERS
 SSEVFLVDETLKCDISLLPERAILQIFFYLSLKDVIIICQVNHAWMLMTQLNSLWNAIDFSSVKNVIPDK
 YIVSTLQRWRLNVLRLNFRGCLLRPKTFRSVSHCRNLQELNVSDCPTFTDESMRHISEGCPGVLCNLNSN
 TTITNRTMRLLPRHFHNLQNLSLAYCRRFTDKGLQYLNLGNGCHKLIYLDLSGCTQISVQGFRIANSCT
 GIMHLTINDMPTLTDNCVKALVEKSRITSLVFTGAPHISDCTFRALSACKLRKIRFEGNKRVTDASFKE
 IDKNYPNLSHIYMADCKGITDSSLRSLSPKQLTVLNLANCVRIGDMGLKQFLDGPASMRIRELNSNCV
 RLSDASVMKLSERCPNLYLSLRNCEHLTAQIGYIVNIFSLVSIIDLSGTDISNEGLNVLNRHKKLKELS
 VSECYRITDDGIQITDSAMELSAKCHYLHLDISGCVLLTDQILEDLQIGCKQLRILKMQYCTNISKKA
 AQRMSSKVQQEYNTNDPPRWFQYDREGNPVTELDNITSSKGALELTVKKSTYSSSEDQAA

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001111038

ORF Size: 2070 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.

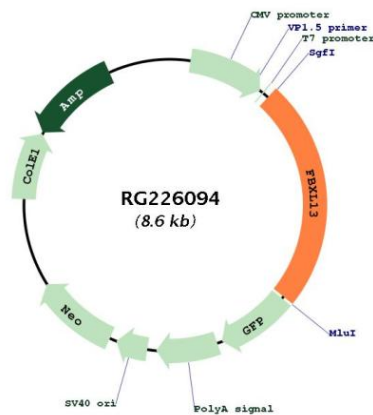
Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001111038.2](#)

RefSeq Size: 2804 bp

RefSeq ORF:	2073 bp
Locus ID:	222235
UniProt ID:	Q8NEE6
Cytogenetics:	7q22.1
Gene Summary:	Members of the F-box protein family, such as FBXL13, are characterized by an approximately 40-amino acid F-box motif. SCF complexes, formed by SKP1 (MIM 601434), cullin (see CUL1; MIM 603134), and F-box proteins, act as protein-ubiquitin ligases. F-box proteins interact with SKP1 through the F box, and they interact with ubiquitination targets through other protein interaction domains (Jin et al., 2004 [PubMed 15520277]).[supplied by OMIM, Mar 2008]

Product images:



Circular map for RG226094