

Product datasheet for **RC222148**

FBXL13 (NM_145032) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FBXL13 (NM_145032) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	FBXL13
Synonyms:	CFAP169; DRC6; Fbl13
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RC222148 representing NM_145032
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACTCCGGAATTGATGATAAAAGCCTGTAGCTTTTATACTGGACATTTAGTAAAGACTCATTTTTGCA
 CTTGGAGAGACATAGCTCGTACAAATGAAAATGTCGTCCTGGCTGAAAAATGAACAGAGCAGTGACATG
 CTACAATTTAGACTTCAAAAATCTGTATTTTCACTGACTGACTCTTATATGGAAGACCAGAAAAGAAAA
 CTTAAAAATATGCTATTGCGGATACAACAGATCATCTATTGTCACAAGCTAACCATATCTCAACAAAA
 GGCGGAATACAGCAAGACATAAGAGTAAAAAGAAAGAAGTGAAGTATTAACATGAACCTCAATT
 GAAAAATGAAAAATAGGTTAATACTCAAAGAGCTGCTGCAGAAGAATCCAATTTTCTGAACGAAGT
 TCTTCTGAAGTCTTTCTGTAGATGAGACTCTAAAATGTGACATTTCACTGTTACCTGAAAGAGCAATAT
 TACAGATTTTCTTACCTCAGTTTAAAAGATGTGATAATATGTGGTCAAGTTAATCATGCCTGGATGTT
 GATGACACAACAACTCACTGTGGAATGCTATTGATTTTCTCAGTAAAAATGTGATTCAGATAAA
 TATATAGTGTCTACTTTGCAAAGGTGGCGTTTAAATGTGCTGCGTTTGAATTTTCTGGTGTCTTCTCC
 GACCCAAAACCTTTCAGATCTGTCAGCCACTGTAGGAACCTGCAAGAGTTGAATGTCTCTGACTGCCAAC
 ATTCACAGATGAATCAATGAGACACATTTCTGAGGGCTGCCCGGGGCTCCTGTGTCTCAATCTGTCTAAC
 ACAACTATCACCAACAGGACGATGCGACTCCTGCCGAGGCACTCCACAACCTTACAGAATCTTAGTTTGG
 CTTATTGACAGCGGTTACAGACAAAGGCTTACAGTACCTGAACCTGGGGAAATGGATGCCACAAGCTCAT
 CTATCTGGACCTCTGGCTGCACCCAGATTTCAAGTCAAGGCTTCAAGTACATTGCAACAGCTGCACT
 GGAATTTATGCATCTTACCATTAATGACATGCCAACTCTGACGGACAACCTGTGAAAAGCTTTAGTTGAAA
 AATGCTCTCGTATTACATCGCTGGTTTTCACTGGTGCACCGCATATCTCCGATTGTACTTTAGAGCTCT
 TTCTGCTTGTAACCTCAGAAAGATCCGATTTGAAGGAAAATAAAAGGTTACTGATGCATCCTTCAAATTT
 ATAGACAAGAATTATCCAAATCTCAGTCACATTTATATGGCTGACTGCAAGGGAATAACAGACAGCAGCC
 TCAGATCCCTTTCACCTTTGAAGCAACTGACTGTGTTGAATTTGGCAAATTTGTGTAAGAATTTGGTATAT
 GGGACTAAAGCAATTTCTTGTGGTCTGCAAGCATGAGGATAAGAGAGCTAAATTTAAGCAACTGTGTG
 CGGCTAAGTGTGCTCTGTTATGAAACTATCTGAGCGCTGCCCTAATTTAACTACTTGAGTTTACGAA
 ATTGTGAACATTTGACTGCCAAGGAATTTGGATATATTGTAACATCTTTTCTTGGTATCAATAGATCT
 CTCTGGAACAGACATCTAATGAGGGTTGAATGTGCTTCCAGACATAAAAAATTTGAAGGAACCTTCT
 GTATCTGAATGTTATAGAATCACTGATGATGGAATTCAGGCATTTCTGAAAAGCTCACTGATCTTGGAAC
 ATTTGGATGTCTTATTGCTCCAGCTGTGAGATATGATTATCAAAGCACTGGCCATTTACTGCATTAA
 CCTCACATCTCTCAGCATTGCTGGCTGTCCAAAGATTACTGACTCAGCAATGGAGATGTTATCGGCAAAA
 TGCCATTACCTGCACATTTTGGATATCTCTGGTTGTGCTTGGTTACTGACCAAATCCTTGAGGACCTTC
 AGATAGGCTGCAAACTCCGGATCCTAAGATGCAATACTGCACAAATATTTCCAAGAAGGCAGCTCA
 AAGAATGTCATCTAAAGTTCAGCAGCAGGAATACAACACTAATGGCCCTCCACGTTGGTTGGCTATGAT
 AGGGAAGGAAACCCTGTTACAGAGCTTGACAACATAACATCATCTAAAGGAGCCTTAGAATTAACAGTGA
 AAAAGTCAACATACAGCAGTGAAGACCAAGCAGCG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC222148 representing NM_145032
Red=Cloning site Green=Tags(s)

MPELMIKACSFYTGHLVKTHFCTWRDIARTNENNVLAEKMNRVTCYNFRLQKSVFHHWHSYMEDQKEK
 LKNMLLRIQQIIYCHKLTIILTKWRNTARHKSKKKEDELILKHELQLKKWKNRLILKRAAAEESNFPERS
 SSEVFLVDETLKCDISLLPERAILQIFFYLSLKDVIICGQVNHAWMLMTQLNSLWNAIDFSSVKNVIPDK
 YIVSTLQRWRLNVLRLNFRGCLLRPKTFRSVSHCRNLQELNVSDCPTFTDESMRHISEGCPGVLCLNLSN
 TTITNRTMRLLRPHFHNLQNLSLAYCRRFTDKGLQYLNLGNGCHKLIYLDLSGCTQISVQGFRIANSCT
 GIMHLTINDMPTLTDNCVKALVEKCSRITSLVFTGAPHISDCTFRALSACKLRKIRFEGNKRVTDASFKF
 IDKNYPNLSHIYMADCKGITDSSLRSLSPKQLTVLNLANCVRIGDMGLKQFLDGPASMRIRELNLNSCV
 RLSDAVSKLSEPCPNLNYLSLRNCEHLTAQGIGYIVNIFSLVSIIDLSGTDISNEGLNLSRHKKLKELS
 VSECYRITDDGIQAFCKSSLILEHLDVSYCSQLSDMIKALAIYCINLTSLSIAGCPKITDSAMEMLSAK
 CHYLHILDISGCVLLTDQILEDLQIGCKQLRILKMOYCTNISKKAAQRMSSKVQQQEYNTNGPPRWFQYD
 REGNPVTELDNITSSKGALELTVKKSTYSEDQAA

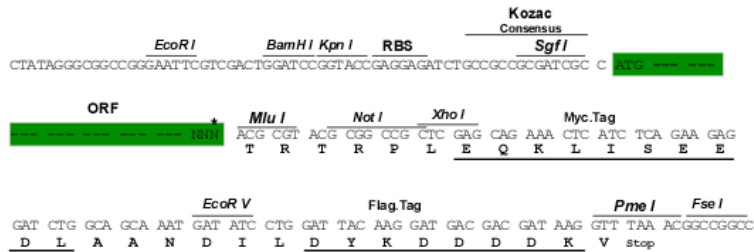
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mg3143_f01.zip

Restriction Sites: Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



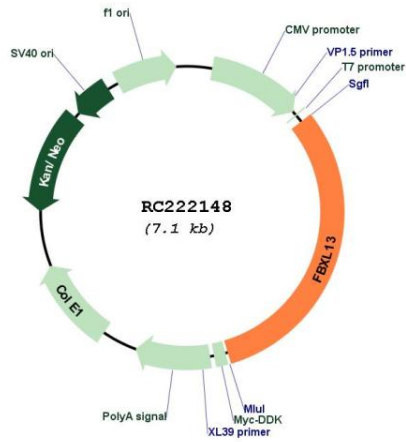
* The last codon before the Stop codon of the ORF

ACCN: NM_145032

ORF Size: 2205 bp

OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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</p>
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:	<ol style="list-style-type: none"> 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_145032.3
RefSeq Size:	2744 bp
RefSeq ORF:	2208 bp
Locus ID:	222235
UniProt ID:	Q8NEE6
Cytogenetics:	7q22.1
MW:	83.7 kDa
Gene Summary:	<p>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]</p>

Product images:



Circular map for RC222148