

Product datasheet for **RC228545**

FBXL17 (NM_001163315) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	FBXL17
Synonyms:	Fbl17; Fbx13; FBXO13
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



ORF Nucleotide Sequence: >RC228545 representing NM_001163315
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAACTACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGGCCACCTTCTCTCGAAGGAGCCGCGTAACCGCCCGAGCCAGAAGAGGCCTCGCTGTTGCAGTTGGT
 GCCGCCGCCGGCGCCCTCTCCTCAGGCTGCCCCGCCGACCCAGCCAAGGTGCCCTCAGCCGGCGGC
 GCCCGGAGCCGGGACTGCTTCTCCGCGGGCCCTGCATGCTCTGCTTCATCGTGCACAGTCCCGCGCG
 CCCGCCCGCCGGCCAGAGGAGGAGCCGCCCTCTCGCCGCCCGCGGGACGGGGCTACGCTGCCG
 CCTCTCTCTCAGCACCTGGCGGGCGCTACGCGGCCCTGGCCGCCGAGGACTGGCCGCTGCTGCCCG
 CCGCTTCTGCTATCCTCGGCCGCCGCCGCCGCCGCTGCCGCTCGGCTTCGTGCCCGCCCTCTGC
 TGCAAAGAGTTGGGGCTGGCTGCGGCCGCCGCTGGGAGCAGCAGGGCCGAAGTCTTCTCTGGCCAGCT
 TGGGGCCGGTGGCTTCTGGGGCCGCCGCCGCCGCTGCAGCTCTCCGGGGGCCGACACCGTACCGGC
 CGAGCTCCCTACGCCCCCGAATGGTGTGCAAGCGGAAGGGGCCGGGTCCCGCCTGCACCCCTGC
 AAGCAGCCCGCTGCGCGGCCGGGGCTGCGGCCGCCGCCGCCGCCGCTGGCGGGGAGGGCTGCGG
 GGGGAGGCGCTTCGCCGCCCGGCCCGCCGACGCCGCTGCTGCCAGGCCCGGAGCAGCCCCCGAGCC
 GCTCTGCCCTCCGCCCTTCTCTCCACCTCCGAAGGTGCCCCACCGAAGTGGCGGGGACGCTGTCCGA
 GCCGGGGCACCGCCCCCTGTCCGCCAGCAGCAGCATGAATGTGGCAGCGGAGTGTGGGAGTCCC
 CCGAAAACCCCTGCGACTGTACAGGGAGCCGCCCGGAAACCCAGACATCAACCAGTCCCGCCGTC
 CATCTGCTCAAGATATTTCCAATTTGCACTGGATGAGCGTTGCCTTCCGCATATTGGTTTGAAG
 TACTGGCGTGACCTTTGTTAGACTTCCAGTTTGAAGCAGCTGGATCTTAGTAGTCGTCAGCAGGTCA
 CTGATGAATTGTTGAAAAATTGCATCAAGAAGTCAGAATATAATTGAAATCAACATTTCTGATTGTCG
 CAGTATGCTGATAATGGCGTATGTGTTTAGCATTTAAATGTCCTGGACTTCTTAGGTATACAGCCTAC
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 ACTGTCCTGAGCTTCAATATGTAGGCTTATGGGTTGTTAGTCACCTTCTAAAGGAGTCATTACCTAAC
 CAAGCTAAGAAACCTTCCAGCTTGGACCTACGTCATATCACTGAAGTGGATAATGAAACCGTATGGAA
 ATTGTCAAGAGGTGCAAAATCTAGCTCTCTCAATCTCTGTCTGAAGTGGATCATAATGACAGGTGTG
 TGGAGGTCATTGCAAAGGAAGGACAAACCTGAAAGAGCTATATTGGTGTCTGTAAATCACAGATTA
 TGCACTGATAGCCATTGGGCGATACAGCATGACAATAGAGACTGTGGATGTGGATGGTGTAAAGAAATC
 ACAGACCAAGGAGCCACCTGATTGCACAGAGCAGCAAGTCTCTGAGATATTTGGGGCTGATGAGATGTG
 ATAAAGTCAACGAAGTGACGGTGGAACAGCTGGTGCAGCAGTACCCCAATCACCTTCAGCACCGTCT
 GCAGGACTGCAAGAGGACCTTGGAGAGAGCCTATCAGATGGGCTGGACCCCAACATGTCTGCCGCTCC
 TCC

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC228545 representing NM_001163315

Red=Cloning site Green=Tags(s)

MGHLLSKEPRNRPSQKRPRCCSWCRRRRPLRLPRTPAKVPPQPAAPRSRDCFFRGPCMLCFIVHSPGA
PAPAGPEEEPLSPPPRDGAYAAASSQHLARRYAALAEDCAAAARRFLSSAAAAAASASSPASC
CKELGLAAAAWEQQGRSLFLASLGPVRFGLPPAAVQLFRGPTPSAELTPPEMVCKRKAGVPACTPC
KQPRCGGGGCGGGGGGGGGPAGGASPPRPDAGCCQAPQPPLCPPSSPTSEGAPTEAGGDAVR
AGGTAPLSAQQQHECGDADCRESNPDCCHREPPETPDINQLPPSILLKIFSNLSLDERCLSASLVCK
YWRDLCLDFQFWKQLDLSSRQQVTDELLEKIASRSQNIIEINISDCRMSDNGVCVLAFCPCGLLRYTAY
RCKQLSDTSIIAVASHCPLLQKVHVGNQDKLTDEGLKQLGSKRELKDIHFQGCYKISDEGMIVIAKGCL
KLQRIYMQENKLVTDQSVKFAEHCEPQLQYVGFMGCSVTSKGVIIHLTKLRNLSSDLRHITELDNETVME
IVKRCKNLSSLNLCLNWIINDRCVEVIAKEGQNLKELYLVSCKITDYALIAIGRYSMTIETVDVGWCKEI
TDQGATLIAQSSKSLRGLMRCDKVNEVTVEQLVQQYPHITFSTVLQDCKRTLERYQMGTWPNMSAAS
S

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

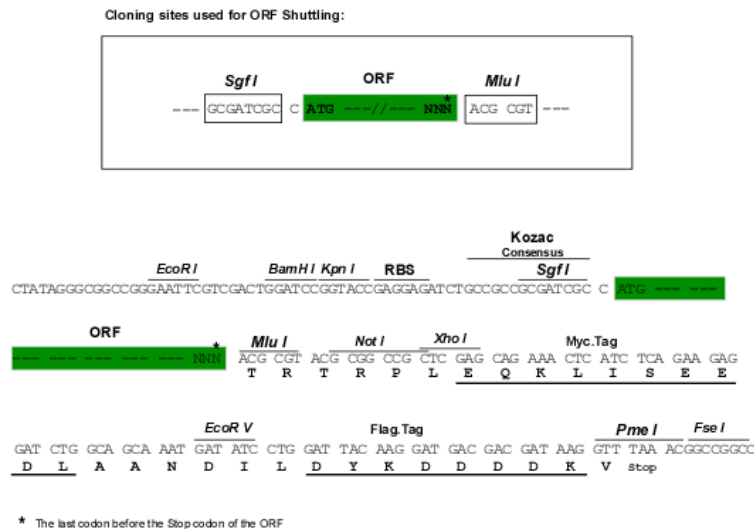
Chromatograms:

https://cdn.origene.com/chromatograms/mg8005_g03.zip

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN:

NM_001163315

ORF Size:

2103 bp

OTI Disclaimer:

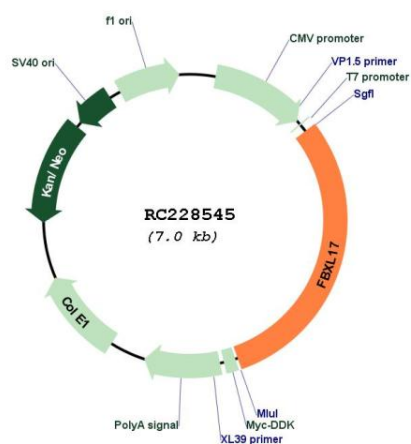
The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in 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_001163315.3
RefSeq ORF:	2106 bp
Locus ID:	64839
UniProt ID:	Q9UF56
Cytogenetics:	5q21.3
Protein Families:	Druggable Genome
MW:	75.5 kDa
Gene Summary:	Members of the F-box protein family, such as FBXL17, 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 RC228545