

Product datasheet for **RC206934**

Fbx15 (FBXO15) (NM_152676) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	Fbx15
Synonyms:	FBX15
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence: >RC206934 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAACTACGACTACTATAGGGCGCCGGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGCCTTCAGAAATCTTGCTGAAGATATTTTCTACTTGGATGCTGTGAGCCTTCTGTGTACTGGATGTG
 TGAGCAGGCGCTTTTATCATCTAGCCAATGACAATTTTATTTGGATCGGAATCTACTCAACTGCTTTTTC
 ACCTGCAAGATCAAATTTGAAATTTAATTCAGTAGAGAAGATAGCTATGTCTATGAGCTTTCTGTGAGTT
 CAGGATAAAGAAGCTGGTTATTGGAAGAAAGATATATCACAAAACAAATAGCATCTGTAAAAGCCGCAC
 TAGCTGACATTCTCAACCTGTCAACCTTACACAGGCCTTCCAGTTAAGACCAAAGAGGCCCTCAGAAT
 ATTTGGTTTAGGTTGGCAATTATCTGAAAGAAAAAGGTGGAAAGAATATATCATGGAGCATGTTGAT
 CTTTCCATAAATGACACATCAGTTACTGTTATATGGTATGGCAAAAAATGGCCATGCCTAGCATCATTGT
 CAACCTTAGATTTATGTGGCATGACACAGTTTTACCAGCTGGTATAAACTCCCACCAACATAGACT
 CCGATGGCATTCTTTAATTGCAAGTACAATCTGAGTCATTTGACCATATCTACCATGATTGGCTGTGAC
 AGACTCATTGGATCTTCTGCCTGCACCCTGGCCTCCTGGTGGGAGTGTGGAAGAAGGAGGAAGAACTGG
 CTTTGTATTGGCAATCTTCATTTTCATCACCTTGTGGAGAGGAGCACATTAGGCTCGGCTACTATCCC
 CTATGAACTGCCTCCACATAGCCCCCTTTTGGATGATAGCCCCGAGTATGGACTGCACGGCTACCAACTC
 CATGTTGATCTGCACAGCGTGGGTTTCTACCTATGTGGTACATTTTCGAATCTCTTACCAAGAGAG
 GAAATATTGAAATGGACATGTGAAGCTCATTGTTATACATTTAAAAAATAACAGAGAACACCTACCTCT
 TATTGGAAGTTGGCCTCTCGTGGAAACTGATATTTTGTGGCTGTATAAAGAGTTGTTCCATGATG
 GACGTAACCTTTTGGATGAACATGGGAACCTTTTGGTGTTCAGTTCCCGGTGTGCCTGAGATCGC
 CTGCCACACCTCTGACAGCTCTAGCTTCTGGGACAGACATAACCTGGACTACGTTGATCGGAAGG
 AAGAGTGCACGTGGAGCTGGTGTGGATCAGAGAGACCGAAGAATACCTATTGTCAACCTGGTCCTTTAT
 CTTAGTATCGCAAAATCAACCATTGGTTTGGGACTGAATAT

ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC206934 protein sequence
 Red=Cloning site Green=Tags(s)

MPSEILLKIFSYLDAVSLCTGCVSRRFYHLANDNFIWIGIYSTAFSPARSNWKFNSVEKIAMSMSFLSV
 QDKEAGYWKKEYITKQIASVKAALADILKPVNPYTGLPVKTEALRIFGLGWAILKEKGGKEYIMEHVD
 LSINDTSVTVIWYGKKWPCLASLSTLDLCGMPVFTDWYKTPTKHRLRWHSIAKYNLSHLTISTMIGCD
 RLIRIFCLHPGLLVGVWKEEELAFVMANLHFHHLVERSTLGSATIPYELPPHSPFLDDSPYGLHGYQL
 HYDLHSGGVFYLCTFRNLFTKRGNIENGHVKLIVIHLLKNNREHLPLIGKVGLSWKTDIFDGCIKSCSM
 DVTLLDEHGKPFWCFSSPVCLRSPATPSDSSSFLGQTYNVYVDAEGRVHVELVWIRETEEYLIVNLVLY
 LSIKINHWFGTEY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6269_b02.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_152676

ORF Size: 1302 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.

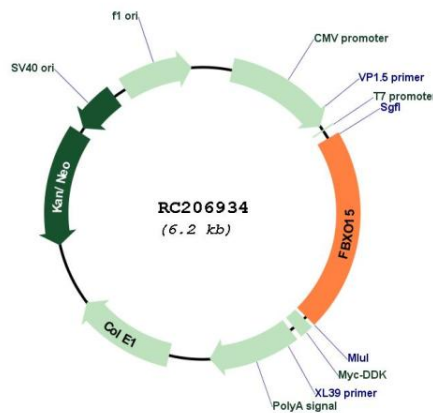
Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_152676.3](#)

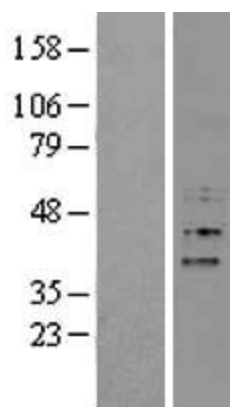
RefSeq Size: 1767 bp

RefSeq ORF:	1305 bp
Locus ID:	201456
UniProt ID:	Q8NCQ5
Cytogenetics:	18q22.3
Domains:	F-box
Protein Families:	Druggable Genome
MW:	49.5 kDa
Gene Summary:	Members of the F-box protein family, such as FBXO15, 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 RC206934



Western blot validation of overexpression lysate (Cat# [LY407354]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from un-transfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC206934 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).