

Product datasheet for **MR207733**

Fbxl6 (BC054377) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fbxl6 (BC054377) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fbxl6
Synonyms:	AU021795; Fbl6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR207733 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCTCCCGTGGCCTCTAGGCGAGTTAGACGTGAGTTCGAAGCTCCAAGCGGCCCGATGCGCGGGGCC
 GCTCGGCGGAGGACTGGTGGTGGGACCGCTGGCACCTCGCGGCTCTGGGTACCACTGCTGCAAGCGGA
 CAGCATGTTGCTCGTGTGCGGACCTGGAGCCTCCCCGCGCTCGTGCGCACCGGCGCGCCCGTCCGCGC
 GCTCCGAGGTCCTGGCTCGTGGCCCCACGGCTGTGCGCAAGCCAGGACCAAACCCCGACCGGAGCCGT
 CGCTCGATCAGGGCCTGGACTCTGGTTGGGAGACCGTATTCCCTTAGAAGTCTGGTGCATATTTTCGG
 GTTGTGGTTGCGGCTCATGGGCCATGCCGTTTCTTGGCAGGGCTGCACGCGTTTGCCGTCCTGGCAC
 GAAGCCACCTCCATCCTTCACTCTGGCATACTGTGACCCTGTCACCCTCGTGGTTGGCCGGGCTGGCA
 AGGGCAACCTTAAGGGAGAGAAGAAGCTCCTTGCTTGCCTGGAGTGGCTCGTACCAATCGTTCTCTCA
 GCTCCACAGCCTGGACCTACATCATTCCATGGTGGAGTCCACAGCTGTGGTGGAGTTCTTGGAGGAGGCC
 GGGTCCCGAATGCGTAAACTGTGGCTGACCTACAGTTCACAGACGACGGCCATCTTGGGCGCACTGCTGG
 ACAACTGCTGCCACAGCTCCAAGTCTCCAGGTCAGCACTGGCATGAACTGCAACAACACCCCTGCA
 GCTGCCTGTGGAAGCCCTGCAGAAAGGCTGCCCCAGCTGCAGGTGCTGCGGCTGCTGAATCTGATTTGG
 CTTCCCAAGCCGTGTGGCCGAGGCGTGCCCCAGGGACAGGCTTCCCCAGTCTTGAGGAGCTCTGTTTGG
 CTGGCTCCACCTGCAACTTTGTGAGCAATGAGGTTCTGGGCGGATTGCTCCATCGCTCCCGAAACTGCG
 CATGCTGGACCTTCGAGGCTGCGCTAGGGTCACTCCTAGCGGTCTGTGTATCTGCCATGTAAGAGCTG
 GAGCAACTCTACCTGGCCTGTATGGCATACTGATGGCTTGACCCTGGCTAAGGATGGCAGACCCCTGT
 TGACCCGGAAGTGGTATCACACCTGAGGGAGCTGGACTTCAGTGGCCAAGGCTTCAGCGAGAGCACTT
 GGAACAGGCCCTGGCTGTTTTCTCGGGCACCCCTGGGGCTTACACCCAGCCTTGTGCTCCCTCAACCTG
 AGGGGTACCCGAGTTACCCCAAGCACGGTCAGTCTGTGATTAGTGGTTGCCCGGGCTGCTGTATCTTA
 ACCTGGAGTCTGCTGCTGCTCCCGGAGGTCTGAAGCGCGTCTACCGGGCCTGGAGGAAGTCCAGTG
 GTGTCTAGAGCAGCTACTTACCAGCCCGCCTCTGCCAAAGAGCCCACT

AG**GCGACCG**ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207733 protein sequence
 Red=Cloning site Green=Tags(s)

MAPVASRRVRRRVSSKRPDARGRSAEDWWDR LAPRGSYHLLQADSMMLVLPDLEPPRARAHRRARRR
 APRSLARGPTAVAKPRTKPRPEPSLDQGLDSGWGDRIPELVHIFGLLVAAHGPMFPFLGRAARVCRHWH
 EATSHPSLWHTVTLSPSLVGRAGKGNLKGKLLACLEWLVPNRFSQLHSLDLHHSMVESTAVVSFLEEA
 GSRMRKWLTYSSQTTAILGALLDNCCPQLQVLQVSTGMNCNNTPLQLPVEALQKGCPLQVLRLLNLIW
 LPKPCGRGVPQPGFPSLEELCLAGSTCNFVSNEVLGRLLHRSPKLRMLDLRGCARVTPSGLCHLPCQEL
 EQLYLGLYGISDGLTLAKDGSPLLTRKWYHTLRELDGSGQGFSEKDLEQALAVFSGTPGGLHPALCSLNL
 RGTRVTPSTVSSVISGCPGLLYLNLESCRCLPRGLKRVYRGLEEVQWCLEQLLTSPPSAKEPT

SGPTRTRPLE**QKLI**SEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-RsrII

Cloning Scheme:


ACCN: BC054377

ORF Size: 1449 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: [BC054377](#), [AAH54377](#)

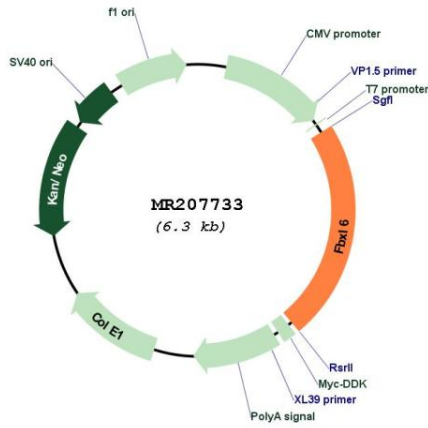
RefSeq Size: 1571 bp

RefSeq ORF: 1451 bp

Locus ID: 30840

Cytogenetics: 15 D3
MW: 53.4 kDa
Gene Summary: Substrate-recognition component of the SCF (SKP1-CUL1-F-box protein)-type E3 ubiquitin ligase complex.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR207733