

Product datasheet for **MC219093**

Fbxo33 (NM_001033156) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fbxo33 (NM_001033156) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fbxo33
Synonyms:	5730501N20Rik; AI642135
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC219093 representing NM_001033156
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGTTGTTGTTCTTGTCACTGCCCAACCCGACCGCGGGAGCGCAACCCGAGCCGGGGCCGCCGGT
 TGGTGCAGTGGCGGCGGCGGAGCGGCTCGGCTGCTGCAGCTGCGCCGGCTGCGGGGGCTGCTGCAGG
 ACTGCGCAGGCGGCCGGGACGGCGGCGGCGGCCGAGCCGGATGGCTCTGTGCGGGCAGGCGGCCGGC
 GCCGCGTCGCTGCCAGCGAGCTCATCGTGACATCTTCTCCTTTCTGCCGGCGCCGACCGGCTGCGGG
 CCTCGGCTCCTGCTCGCACTGGCGGGAGTGCCTTTCTACCCAGCGCTGTGGCCCACTCCGCATCTG
 CCTCCGCTCTCGCCCGGAGCAGCCGCGGCTAGAGTTCTCATGCGCAAGTGCAGGCTGGTTCGTGCGG
 GAGCTGCGGGTTGAGTTCGCCGCGGAGAATTATCTGAGCGGAGGCGGCGGCCGGCGACGGCGGTAGCG
 GCGGCGGCACCGACACGGGACCGGAGGGGAAGACGGGGAGGCCCTGCAGCTCTCTCCGCTGGCTGGA
 AGTACTGCGCATCTACTTGGAGCTGGTGTGTGCGTGCTGCTCAGCATCCGGAACAACAGGAATCTCCAG
 AAGTTTAGTCTTTTGGAGACATAAGTGTGTACACCAGCAAGGAAGTTTGTCCAGCACGTACCTCAGCA
 GGGTAGACCCTGACGGCAAGAAGATTAAGCAAATTCACAACTGTTTGAAGAAATACTGAGCAATAGTAG
 GCAACTAAATGGCTGTCTGTGGGTTTATGCTGGAAATAGTAACCCCAACATCACTGTCGTCTCTGTCT
 AACCCAATTGCCAACACCATGGAACACCTGAGTTTACTGGACAACAACATTCCTGGCAATAGCACTCTGA
 TCACTGCAGTGGAAGTAGAGCGGTTTGTAAATCTACGCTCACTTGCCCTGGATTCTGTGACTTTACAGC
 TGAAATGGCGAGAGTCTTGACCGATAGCAACCATGTGCCTTTGCAGCGACTGTCTCTTGGTCCACAAT
 GCTTCAGTGATGCTCAAGTCATTAGACAACATGCCAAATGATGAGCACTGGAAAGCCCTGTCACGAAAGA
 GCTCCAGCCTTCGGGTCTATCTAATGGTTTTTGATATTAAGTGAAGACATGCTAAAGATTCTGAAACC
 CAGTATACCACTTGAGAGGGTTCACTTTGACAGCTACGTCACCTTGTGTCTCAGGGGCTATTGTTGATCTT
 ATATCCAGGCAGTATGACAAGTTCCTTACCCATTTTATATTGATGAATGATATGATTGACACATCTGGTT
 TTCCAGATCTTAGTGACAACCGAAACGAAGATCCATTGGTTTTGTAGCATGGAGGTGCACAAAGCTCAC
 CCTTTTGGCAATTCATGGTTACACCGTGTGGCGCACAACCTCATTGCCATTGCTCGTCTTCGGGGCTCT
 GACCTAAAAGTGCTTCAAGTCACCGAAGAAAGCATTGATTTTGACCAAGGTGAAGTAGCCGACAGGATG
 TGGATCCAGTACAGAACCTTATTGAGCAGGTATCACTGGGCTTGGTCAGTCTTGGCACGCAGTCTTGA
 CATTGAATCACTCAGTGTCTTCACTGAACCAAATCGTCATTTTACAGAGAGATGCAAAGCTTCAGCGAA
 GACATT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja2737_b08.zip

Restriction Sites: SgfI-MluI

ACCN: NM_001033156

Insert Size: 1689 bp

OTI Disclaimer:	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. 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
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_001033156.4 , NP_001028328.2
RefSeq Size:	3446 bp
RefSeq ORF:	1689 bp
Locus ID:	70611
UniProt ID:	Q8VE08
Cytogenetics:	12 C1
Gene Summary:	Substrate recognition component of a SCF (SKP1-CUL1-F-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins. Probably recognizes and binds to phosphorylated target proteins. Recognizes YBX1.[UniProtKB/Swiss-Prot Function]