

Product datasheet for **MC204063**

Fbxo31 (NM_133765) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fbxo31 (NM_133765) Mouse Untagged Clone
Tag: Tag Free
Symbol: Fbxo31
Synonyms: 1110003O08Rik; 2310046N15Rik; Fbx14; Fbxo14
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >BC026929

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CGCGTCCGCGTGC GCGCCTCCGCGGTGGTGACGGGCATGGCGGTGTGTGCTCGGCTCTCGCGCGTGGGCC
CCGCGCGTGGGTGCCGCCGCCAGCAGCGCCGCGGCCGAGACTGCGGCGCGGACAGTGGAGG
GGACACGGACCCCGAGGAGGAGCGCATCGAGCGGGGCCGCGCTTGTCTCTGCTGGAGCTCCCGCT
GAGCTGCTCGTGGAGATCTTCGCGTCTGTCGCCGACCGACCTGCCAGCCTGGCTCAGGTCTGCAGCA
GGTTCCGCGGAATCTTGACACGGACACCATCTGGAGACGGCGTCCCGGAGGAGTATGGCGTTTGTGA
GAACCTGCGGAAGCTGGAGATCACAGGTGTGTCTTCCGCGGACGTCTATGCAAACTGCTTCACCGATAC
AGACACATTTTGGGGCTGTGGCAGCCAGATATCGGGCCGTACGGAGGATTGCTGAACGTCGTGGTGGACG
GACTGTTTCATCATTGGCTGGATGTACCTGCCACCTCATGACCCACAGTGGGAGACCCCATGCGGTTCAA
GCCACTGTTTGAATCCATCTGATGGAGAGGAAGTCGGCTACAGTGGAGTGTATGTACGGCCACAAAGGG
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AGACATCTTCCAGGCACATGCAGGAGCTGATTCTGATGAAGTTCATCTACACCAGTCAGTACGACAAC
TGCTGACCTACCGACGGATCTACCTCCCGCCAGCCACCTGACGACCTCATCAAGCCCGGCTCTTCA
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CAAGATCACGGGCGACCCCAACATCCCCGCGGGGACGAGACTGTAGAGATTGACCTGCAGCGCCGATC
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ATGCACTTTAGAAATGAACGCACACCTCCTCACTGGGGTCCCGGTCGCCCCGGGACGCTTCTTGTATAGT
GTGTAACATACTTGTACATTTGACTTGTGGTGTAGCTATGAAGGAGAACGCTAAGCATGGTGAGAAAAT
AAACGGAGTTGAGCCAGAAAAA

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Restriction Sites:	RsrII-NotI
ACCN:	NM_133765
Insert Size:	1050 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:	BC026929 , AAH26929
RefSeq Size:	1808 bp
RefSeq ORF:	1050 bp
Locus ID:	76454
UniProt ID:	Q3TQF0
Cytogenetics:	8 E1
Gene Summary:	Component of some SCF (SKP1-cullin-F-box) protein ligase complex that plays a central role in G1 arrest following DNA damage. Specifically recognizes phosphorylated cyclin-D1 (CCND1), promoting its ubiquitination and degradation by the proteasome, resulting in G1 arrest (By similarity).[UniProtKB/Swiss-Prot Function]