

## Product datasheet for **MC202263**

### **Fbxl12 (NM\_013911) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Fbxl12 (NM_013911) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fbxl12
Synonyms:	3110048D16Rik; Fbl12
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC054471 sequence for NM\_013911  
 CTTTCAGCCTTCTGGATTTGCTGTAGTCTTCTTGGCCCTGGCCACGCCTCGTGCCCCCTCTCCACC  
 AAGCCACATCCAGGTTTTCTAGAGTCACGCCTTCTGGGTTGTCTGCGGACCCCTTTTGGGTTTGTGCT  
 TATACTTAGTCCACCTTATGGCCACGCCCCGAGGCACTCGTCACCTCCAGCCTTCTGGGTTTGTGCT  
 CGTCTTCTCTTGGCCCTGGCCACGCCTCGTGCCCCCTCTCTCCAAGCCACATCCAGGTTTTCTATT  
 TCCAGTTCCATCCGCTAGCCAAGCCAGTCAGGCCTAGTCAGTCTCTAGTCTTACCTTAAACGGTGCCT  
 AGCCCGCGCTGTCCAGTCCCAGGCTCGGGCACTTTCTAGAAAAGTAGGGATTCTCGGCGGGCCTCT  
 GAAAGTCGCGCCGGTTTGGCCAGTCCGACCACCCAGCGCTGTCCAGGGAACGCGGCTCGCCGCCACCG  
 GAAACGGAAGCGTGCGACAGCTGGACCATGGCGACTCTGTTTACCTCCCAGACTTGGTGTCTTGGAGA  
 TCTTCTTACCTCCCTGTCCGGGACCGGATCCGCATCTCCAGGGTCTGTACCCTGGAAGAGGCTAGT  
 GGATGACCGGTGGCTATGGCGACAGTCGACCTGACGCTCTACACGATGCGGCGGAAAGTCATGTGGCAC  
 CTCCTGCGCCGGTACATGGCGTCCCAGGCTACTCGTTGCGCATGGGCGGCTACCTGTTTTCTGGCTCTC  
 AGGCCCCACAGCTGTCCCCGCCTTGTAGAGGGCCCTGGGTGAGAAATGCCCAATCTGAAGCGCTGTG  
 CCTGCACGTGGCTGACCTGAGCATGGTGCCTATACCAGCCTTCTAGCACACTGAGGACCTGGAGCTG  
 CACAGCTGCGAAATCTCCATGATCTGGTTGCAGAAAGAGCAGGACCCACGGTGTGCCTTCTGGAAT  
 GCATCGTGTGGACCGAGTGCCTGCTTCCGCGATGAGCATCTGCAGGGCCTTACCCGATTCCGAGCCCT  
 GCGCTCGTGGTGTGGGCGGCACCTACCAGGTCAGTACGACCGGCTAGATGCCAGCCTGCAGGAGCTC  
 AGCTACCTGCAAAGGCTTGGAGTGTGGGCTGCACCCTGTGAGCTGACAGCACGCTGTGGCCATCAGCC  
 GCCACCTTCGAGATGTGCGCAAGATTCCGGTACCGGTTGGGGCCTCTCAGCCCAGGGCCTGGTCTTCT  
 GGAGGGAAATGCCTGTCTGGAGAGTTTGTGCTTCCAGGGTCCCCTTATCACCCAGACATGCCACACCC  
 ACTCAGATTGTCTCTCTGCCTCACCATGCCGAAGCTCAGAGTGTGAGGTGCAAGGGCTGGGCTGGG  
 AGGGTCAGGAAGCAGAGAAAATCCTGTGCAAGGGCCTGCCCACTGCATAGTTATTGTTAGGGCTGTCC  
 CAAAGAATCCATGGATTGGTGGATGTGAGGGCATCACCCATCCATCTCTGGAACCTAGCCTAGCTTGGAG  
 AGTGACCTTATAAGCAAACCTAAGCATGTAATTCATCAGGCGTGAGGGAAGTGGAGGTGCAAGGAAAG  
 GAAACTAGGACCTTGGGGCTTCTGAGCTGGGGTTATCTGTAATCTGGGTACCTCAGACTTGTATCAA  
 GCCTCTGGAAGACCCCGTTCACACATTTAGGAATAGGCATCATAGCTACCTCATGATTCATTTTAAATC  
 TTTAACACCCCTTCCCCTTTTCTTTTCCAGTACCTGGGACTCAAACCCATGGCCTTAGGTCTGGTAGA  
 GAAGCACTGTGTGCTGTGAGCCACCCAGAGACCTTAGAGAGGGCTCATTTTCAAGTGGAGGTGTGTG  
 GAGTTCAGGGCTCTGAGGTTGGCCTGGTTTTCTACATACATGGTTGAGAGGCATAGAGGGCAGGGCAAG  
 GGAGCATGCTGTTGGATTGTCTAGTTTTCTAGAAGTTCTCAGTCATATTTACTGAATTTGTATCCTG  
 TCTTTTCAAGTTTTCCACAGCATATATTTACTATTAAGAAAATAATGTTTTTCAAAAAAAAAAAAAA AAAAAAAAAAAAAA

- Restriction Sites:** RsrII-NotI
- ACCN:** NM\_013911
- Insert Size:** 981 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:**

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:** [BC054471](#), [AAH54471](#)

**RefSeq Size:** 2112 bp

**RefSeq ORF:** 981 bp

**Locus ID:** 30843

**UniProt ID:** [Q9EPX5](#)

**Cytogenetics:** 9 A3

**Gene Summary:** Substrate-recognition component of the SCF (SKP1-CUL1-F-box protein)-type E3 ubiquitin ligase complex. Mediates the polyubiquitination and proteasomal degradation of CAMK1 leading to disruption of cyclin D1/CDK4 complex assembly which results in G1 cell cycle arrest in lung epithelia (By similarity).[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (1) represents the longest transcript and encodes isoform a.