

Product datasheet for **MC221671**

Fbxl13 (NM_177076) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fbxl13 (NM_177076) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fbxl13
Synonyms:	4921539K22Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC221671 representing NM_177076
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTTCACTACGCAGTGCCACCCAGGCTAAGGAGCTACTTCAGGGACAAGTACATTCTCAAATCT
 GTGAGGCGCTGTTATGTGGTTTACTTGTGACATGTCCTGAGGACCCACTGAAATATTTAGAGCACATGAT
 CCTAGCTATCATTAAAAGAGGTCTGAAAAACCTCTTTGGGACACGTGCATCCATCCATCACTGAAGTCA
 AGAGTTCGAAGACTGTCTGAAACTTACTTGGATGAACTTTTTGGACTGGATGACCAGCTGGTGACTCCAG
 AGTTGATGATAAAGCATGCACATTTTACTGACATTTAGTAAAGACACATTTCACTGGTTGGAAAAA
 AGTTGCAATACCTCGTCAAATCAAGAGGAGATCATGGCTGAAAAATGGACAAGGCAATAGCACATGAC
 AATTTTAGATGCCAAAAATACATTTTTAATCGCTGGTTCGCTACACGGTTATGAGTAGAAAAAGACTTA
 TAACTACACTGCTTCGGTTGCGACATTTGTTCTATATGCAAAGACAAAGAATTACTAGCAAAAATGGAA
 GGAGAGAGCCAGACACAAGAGTAAAACAAGAGAAGACGACTTGATTTCAAACATGAACTTCAGTTGAAA
 AAATGGAAGTTCAAGTTAGGGAAGCCGATTAGCCTTGAGGGGAGCCTCTCTGACATCGCTGTTGAGAACA
 GGCGCATAGCATTGACATTTCACTGCTACCGGAGCAAGCAATACTCCAGATTTTCTGTACCTCACCTT
 TAAAGACATGATGGCGTGCAGTCAACCGCTCCTGGATGGCGATGATTCAGAGAGGCTCCTTGTGG
 AACTCTATTGATTTTTCCACAGTTAAAAACATTGCAGATAAATGTGTGGTGACCCTTTACAAAAGTGGC
 GGCTAAACGTGCTGCGTTTAAACTTCCGAGGCTGCGACTTCCGAACAAAAACCTTGAAAGCTGTCAGCCA
 CTGTA AAAACTTGCAAGAGTTGAACGCTCTGACTGCCAGTCTTTCACAGATGAATCCATGAGGCACATT
 TCTGAGGGCTGCTCGGGTCTGTATCTCAATCTATCCAACACAACCATCACCAACAGGACCATGCGAC
 TCCTACCCAGTACTTCCACAACCTACAGAACCTCAGTCTGGCTTACTGCCGAAAGTTCCAGCAAAAGG
 CTTACAGTACCTGAACTTGGGGAACGGATGCCACAAGCTCATCTATCTGGACCTTTCCGGCTGCACCCAG
 GTTTTGGTTGAGAAGTGTCCCGTATTTCTGTCGCTGGTTTTAATTGGTTACCACACATCTCTGACTCTG
 CTTTCAAAGCTCTTCTCCTGCGACCTCAAAAAGATTGATTTGAAGGAAAACAAAAGGATTTCTGATGC
 GTGCTTTAAGTCGATAGACAGGAATTAACAGGCATCAATCACATTTACATGGTGGACTGCAAAGGGCTA
 ACAGACAGCAGCCTCAAGTCACTTTTCACTTTTGAAGCAATTGACAGTGTGAACTTGACAAATTGCATAA
 GGATTGGTGATATCGGCCTGAAGCATTTTTTGTGTTCTGCGAGTATCAGGCTAAGAGAGCTCAATTT
 GACTAACTGCTCACTGCTGGCGATTCTCTGTCATCAGACTGTCAGAGCGTTGCCCTAATTTACACTAC
 TTGAATTTACGAAATTGTGAACATCTGACTGACTTGGCAATTGAATATATTGCAAGCATGTTATCCTTGA
 TATCAGTAGATCTTTCTGGAACACTCATCTCAAATGAGGGCATGACCATACTTTCCAGACACAGAAAAC
 GAGGGAAGTTTCTGTGTCTGACTGTGTCAACATCACTGACTTTGGAATTCGGGCATACTGCAAAAACCTCG
 CTGTTGTTGGAACACTTGGACGCTCCTACTGCTCCCAACTGACAGATGACATCATAAAGACTATAGCCA
 TTTTCTGTACTCGAATTACATCTCTAACATCGCTGGATGCCCAAAGATTACCGATGCAGGGATGGAGAT
 ATTATCTGCAAGGTGCCATTATCTGCACATTTGGATATCTCTGGCTGTATCCAACCTACAGACCAGATC
 ATTCAGGACCTTCAAATAGGCTGCAAACTCCGGATCCTCAAGATGCAATTCTGCAAGTCCATCTCTC
 CGGCAGCGGCTCAGAAAATGCTCTGTGGTCCAGCATCAGGAATACAACCTCCGACAACCCCTCCACATTG
 GTTGGCTACGACTCTGAAGGCAACCTCTTGACAAGATTATAGTTCGAGTACAACCTTAGAACTTACTCA
 AAACCTGATAGTCAAAGAGCCATTCAGCATCGACGAGGAGGATCCAGACTCCAAACACCAATAG

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_177076
Insert Size: 2373 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:	NM_177076.4 , NP_796050.2
RefSeq Size:	2556 bp
RefSeq ORF:	2373 bp
Locus ID:	320118
UniProt ID:	Q8CDU4
Cytogenetics:	5 A3
Gene Summary:	<p>Component of the nexin-dynein regulatory complex (N-DRC), a key regulator of ciliary/flagellar motility which maintains the alignment and integrity of the distal axoneme and regulates microtubule sliding in motile axonemes. Substrate-recognition component of the SCF (SKP1-CUL1-F-box protein)-type E3 ubiquitin ligase complex.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) lacks an alternate in-frame exon, compared to variant 1. The resulting protein (isoform b) is shorter when it is compared to isoform a.</p>