

Product datasheet for **MC200397**

Fbxl12 (NM_001002846) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fbxl12 (NM_001002846) 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)

Fully Sequenced ORF: >BC005699 sequence for NM_001002846
 GCAAAAAGAACTGTTTAGCTCTAGGAAATGAAGCTCAGAGAGGAGCAGAGTCCCAGGGAGACACCAGAAC
 CCAGGTCCCAGGGGTGTCTGTACCAGCTAGATGGATCATCTGGGAGCCCCGTAGCTCTCTCAGTCA
 CCCAATCTCTGGCTCTTACAGATGCGGCCGAAAGTCATGTGGCACCTCTGCGCCGGTACATGGGGTCC
 CGGCTCTACTCGTTGCGCATGGGCGGCTACCTGTTTTCTGGCTCTCAGGCCCCACAGCTGTCCCCGCC
 TGATGAGGGCCCTGGGTGAGAAATGCCCAATCTGAAGCGCTGTGCCTGCACGTGGCTGACCTGAGCAT
 GGTGCCTATCACCAGCCTTCTAGCACACTGAGGACCCTGGAGCTGCACAGCTGCGAAATCTCCATGATC
 TGGTTGCAGAAAGAGCAGGACCCACGGTGTGCCTCTTCTGGAATGCATCGTGTGGACCGAGTGCCGG
 CCTTCCGCGATGAGCATCTGCAGGGCTTACCCGATTCCGAGCCCTGCGCTCGTGGTGTGGGCGGCAC
 CTACCGGGTCACTGAGACCGGGCTAGATGCCAGCTGCAGGAGCTCAGCTACCTGCAAAGGCTTGAGGTG
 CTGGGCTGCACCCTGTGAGCTGACAGCAGCTGTGGCCATCAGCCGCCACCTTCGAGATGTGCGCAAGA
 TTCGGCTGACCGTTGGGGCCTCTCAGCCAGGGCCTGGTCTTCTGGAGGGAATGCCTGTCTGGAGAG
 TTTGTGCTTCCAGGGTCCCCTTATCACCCAGACATGCCACACCCACTCAGATTGTGCTCTCTGCCTC
 ACCATGCCGAAGCTCAGAGTGCTTGAGGTGCAAGGGCTGGGCTGGGAGGGTCAAGAAAGCAGAGAAAATCC
 TGTGCAAGGGCCTGCCCACTGCATAGTTATTGTTAGGGCTTGTCCCAAAGAATCCATGGATTGGTGGAT
 GTGAGGGCATCACCATCCATCTCTGGAACCTAGCCTAGCTTGGAGAGTGACCTTATAAGCAAATTAAG
 CATGTAATTCATCAGGCGTGAGGGAAGTGGAGGTGTCAAGGAAAGGAAACTAGGACCTTGGGGCTTCT
 GAGCTGGGTTATCTGTAATCTGGGTACCTCAGACTTGTCAAGCCTCTGGAAGACCCCGTTACAC
 ATTTAGGAATAGGCATCATAGCTACCTCATGATTATTTTAAATCTTTAACACCCCTTCCCCTTTTC
 TTTTCCAGTACCTGGGACTCAAACCCATGGCCTTAGGTCTGGTAGAGAAGCACTGTGCTGTGAGCC
 ACCCCAGAGACCTTAGAGAGGGCTCATTTTCAAGTGGAGGTGTGTGGAGTTCAGGGCTCTGAGGTTGGCC
 TGGTTTTCTACATACATGGTTGAGAGGCATAGAGGGCAGGGGCAAGGGAGCATGCTGTTGGATTGCCTA
 GTTTTCTAGAAGTTCTCAGTCATATTTACTGAATTTTGTATCCTGTCTTTTCAAGTTTTCCACAGCAT
 ATATTTACTATTAAGAAAAAATATGTTTTTCAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI



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ACCN:	NM_001002846
Insert Size:	822 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:	BC005699 , AAH05699
RefSeq Size:	1588 bp
RefSeq ORF:	822 bp
Locus ID:	30843
UniProt ID:	Q9EPX5
Cytogenetics:	9 A3
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at an alternate start codon, compared to variant 1. It encodes isoform b, which has a shorter N-terminus, compared to isoform a. Variants 2 and 4 encode the same protein.</p>