

Product datasheet for **MC229089**

Fbxo41 (NM_001289674) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Fbxo41
Synonyms:	9630017H13; D6Ertd538e
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>MC229089 representing NM_001289674
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGAATACGACTCACTATAGGGCGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCCTCGCTGGACCTACCGTACCGCTGCCGCGCTGCGGGGAGCATAAGCGCTTCCGGAGCCTATCGT
 CGCTGCGCGCGCACCTGGAGTACAGCCACACCTACGAGACGCTCTACATCCTTTCCAAGACCAACAGCAT
 CTGCGACGCGCGCGCCGCGCTGCAGCCGCTGCCGCCGAGCCTCTGGATTCCCGCTGGCGCCTGAGCCC
 GCCGCTTGCTGGCTGTCCCGGGGGCCGGCGTGAGGTCTTTGAGAGCAGCTCCTTCCAGGGCAAGGAAC
 AGGCGACCGGGCCCTCGCCCGGGGGCCGACCTGCTGCACCATCATCACCACCAGCGCCACTGGCGCA
 CTTTCCCGCTGACCTGGTGCCGCTAGCCTGCCCTGCGAGGAGCTGGCTGAGCCGGGGCTCGTGCCCGCT
 GCGCGCTATGCGCTACGCGAAATCGAAATCCCACTCGCGGAGCTGTTTGCAGCGAAGTCCGTGGCATCCT
 CTGCTGCTCGACGCCGCCACCCGACCTGGCCTGGTCTTGTTCGGGCCCTCCTCTGCATCGCCGGC
 GTGCCATCACCTGCGGACGTGCTACGAAGAGGGCCTGGCAGCCTTAAGATCCGCGCCCTGGAGAAG
 CTGGAGGTGACCGGAGACTAGAGCGGCTGAGCGAGGAGGTGGAGCAGAAGATCGCGGCCAGGTGGGT
 GGCTACAGCGGAGCTGGAGCGCAAGGCAGCAGAGCTAGAACTGCAAGACAGGAGAGCGCGCCCTGGG
 ACGCGAGAAGGAGGAGCTGGAGGAGCGCCTCTGAGCTCTACGCCAAGTGGACGTGAGCGTGGAAGT
 CTGGCTTCACTCAAGCAGGACCTGGTGCTAAGGAACAGGAGCTGAGCCGCAAGCAGCAGGAGGTGGT
 AGATCGACCAAGTTCTGAAGGAGACGGCAGCTCGGGAGGCCAGTGCCAAGCTGCGGCTGCAACAGTTCAT
 CGAGGAGCTCCTGGAGCGTGACAGAGGGCCGAGCGCAGTTGACAGGTATCAGCAGCAGCTGTGGCAGC
 ACACCCAGTGCCAGCCTGGGCAGAGGAGGTGGGGCAGTGCCTCGGGCCTGGGTGAGAGGCCCGGCA
 GAATGCGAGAACATCATGAGGCTCAGCTGTGCAAGCACATACGCCGTATCAGGCATGGCTCCTCTCC
 CAGCACAGGGGCCCTCCAGTCTGTGTGCCAGCTGCATCCAGAGCTCAGGCTGCTATGACAGTGACAGTCTG
 GAGTGTCCCGGCCAGAGGAAGGGCCCTCGGAGGACAGTGGCCCTGGGGCTTGGGTTCACGGGCCCAGG
 CTACCAACGGTGGTTAGAGCGGTCCCAGGCCCTCGTAGTTACAGCCCTAAGACGACAGGCCATCCAGAA
 CTGGCAACGCCGACCTCGTCGTACAGCACCGAGGGGAGGAGGTGACGTTTCGGATGTGGGTCCCGA
 ACTACTGAGTCAGAGGCTGAAGGACCCTCAGATGTCCACGCCCTGGACCTGCTGTGGCTGGCCCCCTGA
 ACAGCTGCCGGCTCTCTGACGCTCTGAAGGAGGCAGCGGGCGAGGCCGTCGGGTGGAGAGAGGTAGCCC
 CTCACGCTCCAATGAGGTATCAGCCAGAAATCCTCAAGATGCGAGCTGCCCTCTTCTGTATCTTACC
 TACCTGGATACCCGACACTGCTCCATGCAGCAGAGGTCTGTGGGACTGGCGCTTTGTGGCCGCCATC
 CCGCTGTCTGGACGAGAGTGTACTTGAAGATGCCGAGTCTGTTCCAAGTTCCTGGCGATGTTGGCTCA
 GTGGTGACCCAGGCTCACTCGTTAACATTACAGAACCTGAAGCCCCGGCAGCGGGGGAAGAAGGAAAGC
 AAGGAGGAGTATGCCCGCAGCACCCGGGCTGCCTGAAGCAGGGCTGGAGTCCCTGCTGAAGGCAGCTG
 GTGGGAACCTGCTGATCCTGCGAATCTCCCACTGCCCCAACATCTCACTGACCGGTCCCTCTGGCTGGC
 CAGCTGCTACTGCCGTGCCCTGCAGGCTGTCACTACAGGAGTGCCACGAGCCCGTCCGGCCATGAGGTG
 ATCTGGGCCCTGGGTGCAGGCTGCAGAGACATTGTCTCCCTCCAGGTGGCGCCACTTACCCCTGCCAGC
 AGCCACCCGGTTCAGCAACCGTTGCCTGCAGATGATTGGACGCTGTTGGCCCCACCTCCGGGCCCTGGG
 CGTAGGTGGTGCCGCTGTGGGTACAGGGCCTGGCATCACTTGAAGAACTGTATGCGGCTGCAGGTC
 CTGGAGCTGGACCAGTGTGAGAGATTACCCAGGAGGTGGCGGCTGAGGTCTGCCGGGAAGGCCCTGAAGG
 GACTGGAGATGCTGGTGTACAGCCACCCCTGTACCCCTAAGGCCCTGCTTCATTTTAACAGCATCTG
 CCGGAACCTTAAATCCATTGTGGTGCAATTGGGATTGCAGATTACTTCAAAGAGCCAGCAGTCCCGAG
 GCCAGAAGCTGTTGAGGACATGGTGACAAACTCCAGGCCCTGCGTCGGAGGCCCTGGCTTCTCGAAGA
 TTCTGCACATCAAGGTAGAAGGTGGTTGCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001289674

Insert Size:

2622 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001289674.1 , NP_001276603.1
RefSeq Size:	6519 bp
RefSeq ORF:	2622 bp
Locus ID:	330369
UniProt ID:	Q6NS60
Cytogenetics:	6 37.48 cM
Gene Summary:	Substrate-recognition component of the SCF (SKP1-CUL1-F-box protein)-type E3 ubiquitin ligase complex.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) uses an alternate splice site and lacks an exon in the 5' UTR, compared to variant 1. Variants 1, 2, and 3 encode the same protein.