

## Product datasheet for **MC229090**

### **Fbxo41 (NM\_001289675) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Fbxo41 (NM_001289675) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fbxo41
Synonyms:	9630017H13; D6Ertd538e
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC229090 representing NM\_001289675  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCCTCGTGGACCTACCGTACCGCTGCCCGCCTGCGGGGAGCATAAGCGCTCCGGAGCCTATCGT  
 CGCTGCGCGCGCACCTGGAGTACAGCCACACCTACGAGACGCTCTACATCCTTTCCAAGACCAACAGCAT  
 CTGCGACGGCGCGGCCGCGCTGACAGCCCTGCCGCCGACGCTCTGGATTCCCGCTGGCCCTGAGCCC  
 GCCGCCTTGCTGGCTGTCCCGGGGCGCGCTGAGGTCTTTGAGAGCACGTCTCCAGGGCAAGGAAC  
 AGGCGACCGGGCCCTCGCCCGGGGCGCACCTGCTGCACCATCATCACCACCAGCGCCACTGGCGCA  
 CTTTCCCGCTGACCTGGTCCCCTAGCCTGCCCTGCGAGGAGCTGGCTGAGCCGGGCTCGTCCCCTG  
 GCGCGTATGCGCTACCGAAATCGAAATCCCCTCGGCGAGCTGTTGCGCGCAAGTCCGTGCCATCCT  
 CTGCTGCTGACGCGCCACCCGGACCTGGCCCTGGTCTTGTCCGGGCCCTCTCGATCGCCGGC  
 GTCGCCATCACCTGCGGACGTGCTACGAAGAGGGCCTGGCAGCCTTAAGATCCGCGCCCTGGAGAAG  
 CTGGAGGTGGACCGGAGACTAGAGCGGCTGAGCGAGGAGTGGAGCAGAAGATCGCGGGCCAGGTGGGT  
 GGCTACAGGCGGAGCTGGAGCGCAAGGCAGCAGAGCTAGAACTGCAAGACAGGAGAGCGCGCCCTGGG  
 ACGCGAGAAGGAGGAGCTGGAGGAGCGCCCTCTGAGCTCTCACGCAAGTGGACGTGAGCGTGGAACTG  
 CTGGCTTCACTCAAGCAGGACCTGGTGCATAAGGAACAGGAGCTGAGCCGCAAGCAGCAGGAGGTGGTGC  
 AGATCGACCAGTTCCTGAAGGAGACGCGAGCTCGGGAGGCCAGTGCCAAGCTGCGGCTGCAACAGTTCAT  
 CGAGGAGCTCCTGGAGCGTGCAGACAGGGCCGAGCGCCAGTTCAGGTCATCAGCAGCAGCTGTGGCAGC  
 ACACCCAGTGCCAGCCTGGCAGAGGAGGTGGGGCAGTGCCTCGGGGCCCTGGGTGAGAGGCCCCGGCA  
 GAATCGAGAACATCATGCAGGCTCAGCTGTGCCAAGCACATCGCCGATCACCGCATGGCTCCTCTCC  
 CAGCACAGGGGCCCTCCAGTCGTGTGCCAGCTGCATCCAGAGCTCAGGCTGCTATGACAGTGACAGTCTG  
 GAGCTGCCCGGCCAGAGGAAGGGCCCTCGGAGGACAGTGGCCCTGGGGCTTGGTTACAGGGCCAGG  
 CTACCAACGGTGGTTAGAGCGGTCCCAGGCCCTCGTAGTTCAGGCCTAAGACGACAGGCCATCCAGAA  
 CTGGCAACCGCACCTCGTCGTACAGCACCGAGGGGAGGAGGTGACGTTTCGGATGTGGGCTCCCGA  
 ACTACTGAGTCAGAGGCTGAAGGACCCTCAGATGTCCCACGCCCTGGACCTGCTGTGGCTGGCCCTTGA  
 ACAGCTGCCGGCTCTCTGCAGTCTGAAGGAGGACGCGGGCAGGCGCTCGGTGGAGAGAGGTAGCCC  
 CTCACGCTCCAATGAGGTCATCAGCCCAGAAATCCTCAAGATGCGAGCTGCCCTTCTGTATCTTACC  
 TACCTGGATACCCGGACACTGCTCCATGCAGCAGAGGTCTGTCCGGACTGGCGCTTGTGGCCCGCCATC  
 CCGCTGTCTGGACGAGAGTGTACTTGAGAATGCCCGAGTCTGTTCCAAGTTCCTGGCGATGTTGGCTCA  
 GTGGTGCACCCAGGCTCACTCGTTAACATTACAGAACCTGAAGCCCCGGCAGCGGGGAAGAAGGAAGC  
 AAGGAGGAGTATGCCCGCAGCACCCGGGCTGCCTTGAAGCAGGGCTGGAGTCCCTGCTGAAGGCAGCTG  
 GTGGGAACCTGCTGATCCTGCGAATCTCCCACTGCCCAACATCCTCACTGACCGGTCCCTCTGGCTGGC  
 CAGCTGCTACTGCCGTGCCCTGCAGGCTGTACCTACAGGAGTGCCACGGACCCCGTCCGCCATGAGGTG  
 ATCTGGGCCCTGGGTGCAGGCTGCAGAGACATTGTCTCCCTCCAGGTGGCGCCACTTACCCCTGCCAGC  
 AGCCCACCCGTTTCAGCAACCGTTGCCTGCAGATGATTGGACGCTGTTGGCCCCACTCCGGGCCCTGG  
 CGTAGGTGGTCCCGCTGTGGGTACAGGGCTGGCATCACTTGAAGAACTGTATGCGGCTGCAGGTC  
 CTGGAGCTGGACCACGTGTGAGAGATTACCCAGGAGGTGGCGGCTGAGGTCTGCCGGAAGGCCTGAAGG  
 GACTGGAGATGCTGGTGTCTCACAGCCACCCTGTACCCCTAAGGCCCTGCTTATTTAACAGCATCTG  
 CCGGAACCTTAAATCCATTGTGGTGCAGATTGGGATTGCAGATTACTTCAAAGAGCCAGCAGTCCCGAG  
 GCCCAGAAGCTGTTTGGAGACATGGTGACAAAACCTCCAGGCCCTGCGTCGGAGGCTGGCTTCTCGAAGA  
 TTCTGCACATCAAGGTAGAAGGTGGTTGC**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001289675

<b>Insert Size:</b>	2622 bp
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001289675.1, NP_001276604.1</u>
<b>RefSeq Size:</b>	6513 bp
<b>RefSeq ORF:</b>	2622 bp
<b>Locus ID:</b>	330369
<b>UniProt ID:</b>	<u>Q6NS60</u>
<b>Cytogenetics:</b>	6 37.48 cM
<b>Gene Summary:</b>	<p>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 (3) lacks an exon in the 5' UTR, compared to variant 1. Variants 1, 2, and 3 encode the same protein.</p>