

## Product datasheet for **MC220602**

### **Fbxo34 (NM\_001146085) Mouse Untagged Clone**

#### **Product data:**

|                    |  |
|--------------------|--|
| Product Type:      | Expression Plasmids                        |
| Product Name:      | Fbxo34 (NM_001146085) Mouse Untagged Clone |
| Tag:               | Tag Free                                   |
| Symbol:            | Fbxo34                                     |
| Synonyms:          | 2900057B08Rik; 5830426G16Rik               |
| Vector:            | pCMV6-Entry (PS100001)                     |
| E. coli Selection: | Kanamycin (25 ug/mL)                       |
| Cell Selection:    | Neomycin                                   |



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**Fully Sequenced ORF:** >MC220602 representing NM\_001146085  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGCACCTTAAGCTGTAAGTCTGAAACTCCAGAAGAAAGAGCGCCCTTTGAGGTGAGCAGGGACACCTGA  
 GAACGCCTATGAGCCACGAAAGGCCAACGGTGTGTGAAGGCCAGAGCCAGCTACATGAAACCCACCGT  
 CCTTCCTTCAGCCTCCCTTGTCAAAGCATCGTCTAGAAAACCTTTTGGGATCCTTTCTCCAAATGTTCTG  
 TGCAGTATGAGTGGGAAGAGCCCTGTGGAGAACAGCTTGAATGTTAAAGCCAAAAAGAAGCTGTGTCTG  
 CAGCCGTGCACCAGAGTGAAGAGGGGCTGCCTGGGACCTGGGCTATTGTCAAACCTGGGAACACGAAGGA  
 GAAAATTGCATTCTTTCAGCCACCAGTATAGCAATAGGATAGGCTCTATGAAAATTAAGGTTCTCTGG  
 GATATCGATGGGAGAGCCACTAAAAGAAGGAAAAAATCAGGAGATCTTAAGAAAGCCAAGTTACAGCTAG  
 AAATGATGAGAGAGATCAACAGCCAGTGTACCAGTCTGAGCCGTTTGTGTGGCGTGGAGCACTGTTT  
 TGTGCACTACATGAGTGACAGCGGGGACGGTGTCTGTGCTGCGAGGCCTCTGTCGGTGATACAGATGGTT  
 GCCTTCCTTGAGCAGAAGGCCACTGCTCTGCTAGCTAGCTGCACAAAAAACTGCACAAAATTCGCCTGCCA  
 TTGTGAAGATTTCTGGCCAGTCCCGAGGTATACCGCTGCACCTGAGCCCTTCTCTGCTCCGGAAACTTG  
 TGAAGAACCACGAAGAACAGAAAATCCCGAGACTGGCAGATCCCAGGGTGAAGCCAGTCCGTGTCTTGAC  
 ATGGTAGCCAGGTTGGAGTCTGAGTGCCTGAAGCACCAGGGCCAGCGGGAACCCGGGAGCTTGTACACGCA  
 ATAACAGTTTCCGTGAAATGTAGGCAGGGTGTGCTCACTAATGGTTCTCAGGCCAGCGACAAAAGTGA  
 AGAGGGCTCTGCAGACACAGCCGACCCTCAGGAGAATCCCTTGCAGCCGGTATCTGTGGGTGAAGAACCC  
 TCCGTAAGTGAAGTCACTTGTAGGGGAGCAGGCCTGGGATGGCACTTCTCAAAGCTGTCCCTCATTGC  
 CAGCCACTGTGAGCTTCCACATGGACAGCACAGATCTAGAGCCGGTCAAGCAACAGCTATGAAGAGCTG  
 CAGCCGGGATGAGTAGAAATGGTGGAGGAATTTGATGAATTGCCTACAGATGCTGTCCGTCCGATAAGA  
 AGAGAGCTTGTAAACAGTCAAAAGCACAGTCTGAGCAGAGGCAGGACCCGCTGTGCATCAGCATCACTG  
 TGTGCACGGTAGAGAAAGACCGGCCGGGCTTTAGACTCCCTTGAGGAGCCTTCCCGGGATGCTCTT  
 CTTTCTGTCTGACAGGACCAGCAAGCGCACCCCCAGCTGAGGGAACACCCAGCACCAGAGGCCTCA  
 GAGGCCAGTCAAGTGTGCTGAGGGCAGCAGTGCAGGTGAGGAGAAAGATGCCTCTGTGGAGC  
 CGCTCCTCCAGCAGCCTCCTCCGGGAGGGAGCACCTCGCAGGTGCTTGAAGCAGCCAGTGAAGAAGCA  
 GGTGTCACAGGACTTTCTGGAGACCAGGTTAAGATCCAGCAGCTTCTGGAGCCTCAGCAGTACATGGCA  
 TGCTGCCCCACCATCATAGTGAATACTTCCAGGTTACTCCCTACCCTGAGTTTACGCATTCTTAAAT  
 GTACCTGTGCTACTTCAAGTCCATCATTGAATACTACAACATCAGGCCAGCAGATTCTCCGTGGGTTCCG  
 AGACCCACGCTATAGGGAAGACCCTTGCAAGCAGTGAAGAAAAAGTATGTGAAAGGGGATGTGTCCCTG  
 TGCCGGTGGCACCCCAAACCTATTGCCAGGCTTTGCCATATGGGCTGGCTACTGGATGTGCTGCCACC  
 AGTCTCAGAAGGGCTTCTCCGTGTAAGTTAGGCCTTCATGACAATCACTGGTTACCTGCCTGCCATAG  
 CTTTAAACCGGCAATCCATAAGAAGACGAGAGGGAGTGAAGCGGAAGAGGAGTAC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001146085

**Insert Size:** 2088 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).

|                               |  |
|-------------------------------|--|
| <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_001146085.1</u> , <u>NP_001139557.1</u>  |
| <b>RefSeq Size:</b>           | 3132 bp  |
| <b>RefSeq ORF:</b>            | 2088 bp  |
| <b>Locus ID:</b>              | 78938  |
| <b>UniProt ID:</b>            | <u>Q80X11</u>  |
| <b>Cytogenetics:</b>          | 14 C1  |
| <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 (2) includes two alternate segments which result in the use of a downstream start codon, compared to variant 1. Variants 2 and 3 encode the same protein (isoform 2) which is shorter when it is compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p> |