

## Product datasheet for **MC202921**

### **Fbxo25 (NM\_025785) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Fbxo25 (NM_025785) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fbxo25
Synonyms:	9130015I06Rik; A1649137; Fbx25
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC014749 sequence for NM\_025785  
 GCTCGGTGTGGTTGGTGGCTGTCTCGTCTGGAAGGGACCCGACGAGCAGCAGATGCCGTTTCTGGGTGAGG  
 ACTGGAGGTCCCCTGGATGGAGCTGGATTAACACCGAGGATGGGTGGAAGGTTGTGACCCCTGTAGCCA  
 CGAGCTCAGGAGCGAGGATAGCCAGTACACCATCAACCACAGCATTATCTTAAATAGTGGTGAAGAAGAA  
 ATATTCACAATGAGTGTGAATACGCAGCCAAAAAGAGGAAGAAGAACATTTTGGAAATGACACAGCTG  
 CTCACAGTTTTTATCGTAAAAATGGATCTACGTCCATAAGGAAAGCACAAGGAAAGGCATGGCTACTG  
 CACCCTGGGAGAAGCCTCAACCGGCTAGACTTCTCAAGTGCCATTCAGGACATCAGGAGTTCACTTAC  
 GTGGTCAAACACTGTCAGCTAATTGCGAAGTCCCAGTTAACCTCACTGAGTGGAGTGGCAGAGAAGAACT  
 ACTTCAACATTTTGGATAAAATCGTCCAAAAGTTCTTGATGACCATCAGAACCCCTCGCCTGATCAAAGG  
 CCTCTCCAGGACCTGAGCTCCACCCTTGGCATCCTGGTGGAGGGGTGGGGAAGTCAGTGTAGTCGGG  
 AACATCAACATCTGGATCTGCCGCTGGAGACCTCCTCAGCTGGCAGCAGCAGCTGCAGAACCTCCAGG  
 TGACAAAGCAGGTAACACTGGCCTCACACTCAGTGACCTGCCCTGCACATGCTGAACAACATCCTGTA  
 CCGTTTCTCAGATGGCTGGGACATTGTACCCTGGGCCAGGTAACACCAACCCTGTACATGCTCAGTGAA  
 GACAGGGCGCTGTGGAAGCGACTGTGTCAGTACCCTTTGCTGAGCAGCAGTTTTGTAGACATTTGATCC  
 TTTTCAGAAAAAGTTCATATCGAGTGAAGCTGATGATTTTACGCTTTCAGAAAGTATTACCCGACCAAGA  
 GCAGTACGGGGACACGCTACACTTCTGCCGCACTGCAGCATCCTCTTCTGGAAGGACTCGGACACCCC  
 TGCACCGCAGCTGACCCCGACAGCTGCTTCACTCCTGTGTCTCCGGAGCACTTCATTGACCTCTTCAAGT  
 TCTGATGGTGCACCTCAGCCCCGTGCCCTTGTCTACAGCTGTCCCTTGTGCTTTCTGTGTCGTGAGTTGG  
 TGTGAGTATTCTGTGACACAAGTGACGACAGGCTCAGTGACTGCCTGTACCTGTGCAACCCTCGTTGCT  
 CCTTGGAGAACCCTGACAGGACGCTGAAGATGTGCGGGCAGTTGTGCACCGTCAGTGAGGGAGAGAGACCC  
 CGACTCCATTTGTACTTCTTTCTTGACACTTCTCAGCTTATAAAATTTGCCGTTTTGTATTTTTTAA  
 ATATGGATCAAAAAGAGTCTTGGATACTCAGCCCATATTTTGTGCTGAAGTGAACAACCCAGGAA  
 TGTCTTCTTGGTTGTCAAAAAGACAGTTTTCCATCCTACAGTAATTGGGATGAAGAACAACACAGTTGAT  
 CCTTGTAAATACATTATGCAGAATATTTATTTTTCTTAAATGTATTTTACAACCCAGTGGCTGTGGC  
 CAAATGAGTCTCATTGAACACGAGATGGAGCTAGGAATGCACGTGGGGCTGTGAACTGGATGCACTGGC  
 CATAGCTAGCATCAATGTCCCCTGTTTCCAGGAACCCCTGCCATGAGGCCATCATAGATCCAGACTCGG  
 GATGTGGGCTCCAAACCAGAATAGAGCCTCTGCCAAGGAGCTGGAACAGCCAGTGAGGCTGAAGTTCT  
 CTTGTAGAAATTCCTTCTGGTAAAGTATGAGCCATGTTTATCTACTGATCAGCTTCATCAAATTCG  
 CATCTAACTGAATGGTAGTGTCTTAAATGTGCTGTTTTATTTTAAAAATAATGCATGTGCACTTTAGA  
 AATTTTTGAAAAATAAGATACATGAAAGAAAGTAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_025785

**Insert Size:** 1074 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:**

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: [BC014749](#), [AAH14749](#)

RefSeq Size: 2008 bp

RefSeq ORF: 1074 bp

Locus ID: 66822

UniProt ID: [Q9D2Y6](#)

Cytogenetics: 8 A1.1

**Gene Summary:** Substrate-recognition component of the SCF (SKP1-CUL1-F-box protein)-type E3 ubiquitin ligase complex. May play a role in accumulation of expanded polyglutamine (polyQ) protein huntingtin (HTT).[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (2) lacks an in-frame exon in the 3' coding region, compared to variant 3. The encoded isoform (2) is shorter than isoform 3. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.