

## Product datasheet for **SC112656**

### **FBX07 (NM\_012179) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	FBX07 (NM_012179) Human Untagged Clone
Tag:	Tag Free
Symbol:	FBX07
Synonyms:	FBX; FBX07; FBX7; PARK15; PKPS
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >OriGene ORF within SC112656 sequence for NM\_012179 edited (data generated by NextGen Sequencing)

```

ATGAGGCTGCGGGTGC GGCTTCTGAAGCGGACCTGGCCGCTGGAGGTGCCCGAGACGGAG
CCGACGCTGGGGCATTTCGCGCTCGCACCTGAGGCAGTCCCTGCTGTGCACCTGGGGGTAC
AGTTCTAATACCCGATTTACAATTACATTGAACTACAAGGATCCCCTCACTGGAGATGAA
GAGACCTTGGCTTCATATGGGATTGTTTCTGGGGACTTGATATGTTTGATTCTTCAAGAT
GACATTCAGCGCCTAATATACCTTCATCCACAGATTCCAGAGCATTCTTCACTCCAGAA
AATGAGCAACCCTCTTTGGCCACCAGCTCCAATCAGACTAGCATACAGGATGAACAACCA
AGTGATTCATTCCAAGGACAGGCAGCCAGCTCTGGTGTTTGAATGACGACAGTATGTTA
GGGCTAGTCAAAATTTGAAGCTGAGTCAATTCAAGATAATGCGCATATGGCAGAGGGC
ACAGGTTTCTATCCCTCAGAACCATGCTCTGTAGTGAATCGGTGGAAGGGCAAGTGCCA
CATTCAATAGAGACCTTGTATCAATCAGCTGACTGTTCTGATGCCAATGATGCCTTGATA
GTGTTGATACATCTTCTCATGTTGGAGTCAGGTTACATACCTCAGGGCACCGAAGCCAAA
GCACTGTCCATGCCGGAGAAGTGAAGTTGAGCGGGGTGATAAGCTGCAGTACATGCAT
CCTCTCTGCGAGGGCAGCTCCGCTACTCTCACCTGTGTGCCTTTGGGAAACCTGATTGTT
GTAATGTACTACTAAAATCAACAATGAGATTAGAAGTGTGAAAAGATTGCAGCTGCTA
CCAGAATCTTTTATTTGCAAAGAGAAAAGTGGGAAAATGTAGCCAACATATACAAGAT
CTTCAGAAACTCTCTCGCCTCTTTAAAGACCAGCTGGTGTATCCTCTTTTGGCTTTTACC
CGACAAGCACTGAACCTACCAGATGATTTGGGTTGGTCGTCCTCCCATTGGAAGTAAA
CTACGGATCTTCCGACTTCTGGATGTTCCGTTCCGCTTGTCTTTGTCTGCGGTTTGTGCT
GACCTCTTACTGCTTCAAAATGACCCACTCCTGTGGAGTTTTTATATCTGCGTGATTTT
CGAGACAATACTGTCAGAGTTCAAGACACAGATTGGAAAGAACTGTACAGGAAGAGGCAC
ATACAAAAGAAAAGAAATCCCCGAAAGGGCGGTTTGTGATGCTCCTGCCATCGTCAACTCAC
ACCATCCATTCTATCCCAACCCTTGACCCTAGGCCATTTCTAGCTCCCGCCTTCT
CCAGGAATTATCGGGGTGAATATGACCAAGACCAACACTTCCCTATGTTGGAGACCCA
ATCAGTTCACTCATTCTGGTCTGGGGAGACGCCAGCCAGTTTCTCCACTGAGACCA
CGCTTTGATCCAGTTGGCCCACTTCCAGGACCTAACCCCATCTTGCCAGGGCGAGGGCGC
CCCAATGACAGATTTCCCTTTAGACCCAGCGGGTGGCCAACTGATGGCCGGCTGTCA
TTCATGTGA
    
```

Clone variation with respect to NM\_012179.3  
 345 g=>a;949 c=>t

**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_012179 unedited

```

CTCTACTTTGATTTACTATAGGGCGGCCGGAATTCGGCAGGAGCTGTGGCGGGTTTCT
TTCCCCGTTTCGCTCAGCTACCCTCAGCTCCGGTAGTCGCCAGTCCGGGGTCGTCGCC
GTTTGGGGCGGGAGCTGCTCGGCCCGCCGCGTCCCGTCCCGCTTCCGGGTCAGGC
CCCTCGGGCCGCTGCCCGCTCATGAGGCTGCGGGTCCGGCTTCTGAAGCGGACCTGGC
CGCTGGAGGTGCCCGAGACGGAGCCGACGCTGGGGCATTGCGCTCGCACCTAGAGCAGT
CCCTGCTGTGCACCTGGGGGTACAGTTCTAATACCCGATTTACAATTACATTGAACTACA
AGGATCCCCTCACTGGAGATGAAGAGACCTTGGCTTCATATGGGATTGTTTCTGGGGACT
TGATATGTTTGATTCTTCAAGATGACATTCCAGCGCCTAATATACCTTCATCCACAGATT
CAGAGCATTCTTCACTCCAGAATAATGAGCAACCCTCTTTGGCCACCAGCTCCAATCAGA
CTAGCATAACAGGATGAACAACCAAGTATTCAATCCAAGGACAGGCAGCCAGCTTGTG
TTTGAATGACGACAGTATGTTATGGCCTATTCAATATTTGAAGCTGAGTCAATTCAAG
ATAATGCGCATATGGCAGAGGGCACAGTTTTTATCCCTCAAAACCCATGCTCTGNAATG
AATTGGTGGGAACGCCACGCGGCACATTCAATATAGACCCTTGATTAAATCAGCTGACTG
TCTTGAGCCCATGATGCCCTGGATAGGGTGAACCACCTCTCATGTTGGAAGTCAGGGTT
CATATCCTCAGGGCCCCAAACCAAGCCCTGGTCATTCCCGAGNAATGGTAATTGGCC
    
```

**3' Read Nucleotide Sequence:** >OriGene 3' read for NM\_012179 unedited  
 ACCGCGGCCGCAATCTANAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTAATTAACA  
 CTTTTTTTTAATCTGGTAAGAACAGCATCAGAAAACAAACCTTCAATCTAGAGGAGAACCA  
 AGAGCAGGGAGATTGGCAGCCAATATCCCAAGGCCAACCTTGTACAGAGGAACCTTT  
 GGGTCATACCACCCTAGGGCTATAAATGTATCTCTTAAAAGTTTCTGGGAGTGCAACT  
 CTCAACACCACAATCAGAAAATAAACTCGAGATCAGCACCCCAAGGAGTTGACATCTGT  
 AGTTTAAAAACAAAAACAATGGAGCTCCAGAAATGAAATTACAAATCAATCACATGAAT  
 GACAGCCGGCCATCAGTTGGCCGACCCCTGCTGGGTCTAAAGGGAAATCTGTCATTGGGG  
 CCGCCTCGCCCTGGCAAGATGGGGTTAGGTCTGGAAAGTGGGCCAACTGGATCAAAGCGT  
 GGTCTCAGTGGAGGAACTGGCTGGGCGTCTCCCAGGACCAGGAATGAGTGAAGTATT  
 GGGTCTCCAACATAGGGAAGTGTGGTCTTTGGTCATATTCACCCCGATAATTCCTGGA  
 GGAAGGCGGGAGCTAGGAAATGGCTAGGGTCAAGGGGTTGGGATAGAATGGAATGGT  
 TGAGTTGACGATGGCAGGAGCATCACAACCGCCCTTTCCGGGATTCTTTCTTGTATGT  
 GCCTCTCTGTACGNTCTTTCCATCTGTGTCTTACTCTGACGTTTGTCTCGAAAATACG  
 CAGATATAAAACCTNCACAGGAGTGGGTCAATTTGAGCAGTAAAGAGTCCCACAAACGCA  
 GACAAGAAAGACGGACGAACATCAGAGTCGAAGACCGTATTTTCAGTCCATGGGAGAACAC  
 AACCAATACATTGGTAGTCACGCTGTCCGTAACCAAGAGGACACCCTTTCTAAAAGC  
 AAAAAGTTGAAATCTGATAGTGGCCATTCCCTATTTCTTGA

**Restriction Sites:** NotI-NotI

**ACCN:** NM\_012179

**Insert Size:** 2040 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:** [NM\\_012179.3](#), [NP\\_036311.3](#)

**RefSeq Size:** 2153 bp

**RefSeq ORF:** 1569 bp

**Locus ID:** 25793

**UniProt ID:** [Q9Y3I1](#)

**Cytogenetics:** 22q12.3

**Domains:** F-box

**Protein Families:** Druggable Genome

**Gene Summary:** This gene encodes a member of the F-box protein family which is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of the ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination. The F-box proteins are divided into 3 classes: Fbws containing WD-40 domains, Fbls containing leucine-rich repeats, and Fbxs containing either different protein-protein interaction modules or no recognizable motifs. The protein encoded by this gene belongs to the Fbxs class and it may play a role in regulation of hematopoiesis. Alternatively spliced transcript variants of this gene have been identified with the full-length natures of only some variants being determined. [provided by RefSeq, Jul 2008]  
Transcript Variant: This variant (1) represents the longer transcript and it encodes the longer protein (isoform 1).