

## Product datasheet for **RG218979**

### **FBX07 (NM\_001033024) Human Tagged ORF Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** FBX07 (NM\_001033024) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** FBX07  
**Synonyms:** FBX; FBX07; FBX7; PARK15; PKPS  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG218979 representing NM\_001033024  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCCCCGCTCCCGGGGCTCTGGTCCCCTCCTCGATTAGAGCATTCTTCACTCCAGAATAATGAGC  
AACCTCTTTGGCCACCAGCTCCAATCAGACTAGCATGCAGGATGAACAACCAAGTGATTCATTCCAAGG  
ACAGGCAGCCCAGTCTGGTGTGGGAATGACGACAGTATGTTAGGGCCTAGTCAAATTTTGAAGCTGAG  
TCAATTCAGATAATGCGCATATGGCAGAGGGCACAGGTTCTATCCCTCAGAACCCATGCTCTGTAGTG  
AATCGGTGGAAGGCAAGTGCCACATTCATTAGAGACCTTGATCAATCAGCTGACTGTTCTGATGCCAA  
TGATGCCTTGATAGTGTGATACATCTTCTCATGTTGGAGTCAGGTTACATACCTCAGGGCACCGAAGCC  
AAAGCACTGTCCATGCCGAGAAGTGGAAGTTGAGCGGGGTGATAAGCTGCAGTACATGCATCCTCTCT  
GCGAGGGCAGCTCCGCTACTCTCACCTGTGTGCCCTTTGGGAAACCTGATTGTTGTAATGCTACACTAAA  
AATCAACAATGAGATTAGAAGTGTGAAAAGATTGCAGCTGCTACCAGAATCTTTTATTTGCAAAGAGAAA  
CTAGGGGAAAAATGAGCCAACATATACAAAGATCTTCAGAAACTCTCTCGCCTCTTTAAAGACCAGCTGG  
TGTATCCTCTTCTGGCTTTTACCCGACAAGCACTGAACCTACCAGATGTATTTGGGTTGGTCGCTCTCCC  
ATTGGAAGTGAAGTACGGATCTTCCGACTTCTGGATGTTTCGTTCCGCTCTGTCTTTGCTGCGGTTTGT  
CGTGACTCTTTACTGCTTCAAATGACCCACTCCTGTGGAGTTTTTATATCTGCGTGATTTTTCGAGACA  
ATACTGTCAGAGTTCAAGACACAGATTGGAAAGAACTGTACAGGAAGAGGCACATACAAAGAAAAGAAATC  
CCCGAAAGGGCGGTTTGTGATGCTCCTGCCATCGTCAACTCACACCATTCCATTCTATCCCAACCCCTTG  
CACCTAGGCCATTTCTAGCTCCCGCCTTCTCCAGGAATTATCGGGGTGAATATGACCAAAGACCAA  
CACTTCCCTATGTTGGAGACCAATCAGTTCACCTATTCTGGTCTGGGAGACGCCAGCCAGTTTCC  
TCCACTGAGACCAGCTTTGATCCAGTTGGCCACTTCCAGGACCTAACCCATCTTGCCAGGGCGAGGC  
GGCCCAATGACAGATTTCCCTTAGACCCAGCAGGGGTGGCCAACTGATGGCCGGCTGTCATTCATG

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA



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**Protein Sequence:** >RG218979 representing NM\_001033024  
 Red=Cloning site Green=Tags(s)

MARPPGGSGPLLDSEHSSLQNEQP SLATSSNQ TSMQDEQPSDSFQGQAAQSGVWDD SMLGPSQNFEAE  
 SIQDNAHMAEGTGFYPSEPM L CSESVEGQVPHSLETLYQSADCS DANDALIVLIHLLMLES GYIPQGTEA  
 KALSMPEKWKLSGVYK LQYMHPLCEGSSATLTCVPLGNLIVVNATL KINNEIRSVKRLQLLPESFICKEK  
 LGENVANIYKDLQKLSRLFKDQLVYPLLAFT RQALNLPDVFGLVVLPLELKLRIFRLLDVR SVLSL SAVC  
 RDLFTASNDPLLWRFLYL RDFRDN TVRVQD TDWKELYRKRHIQRKESPKGRFVMLLPSSHTIPFYPNPL  
 HPRPFPSRLLPPGIIGGEYDQRPTLPYVGDP ISSLIPGPGETPSQFPPLRPRFDPVGPLPGNPILPGRG  
 GPNDRFPFRPSRGRPTDGRLSFM

TRTRPLE - GFP Tag - V

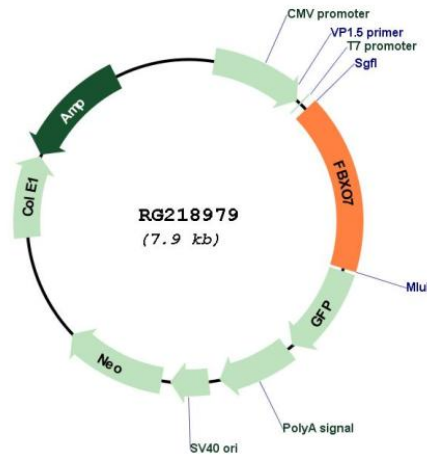
**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:**

NM\_001033024

<b>ORF Size:</b>	1329 bp
<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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>	<a href="#">NM_001033024.1</a> , <a href="#">NP_001028196.1</a>
<b>RefSeq Size:</b>	1758 bp
<b>RefSeq ORF:</b>	1332 bp
<b>Locus ID:</b>	25793
<b>UniProt ID:</b>	<a href="#">Q9Y3I1</a>
<b>Cytogenetics:</b>	22q12.3
<b>Protein Families:</b>	Druggable Genome
<b>Gene Summary:</b>	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]