

## Product datasheet for **RR206465**

### **Fbxo17 (NM\_001013064) Rat Tagged ORF Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Fbxo17 (NM\_001013064) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Fbxo17  
**Synonyms:** Fbg4; Fbx17; Fbxo26  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR206465 representing NM\_001013064  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGGAGCCAGCCCTCGCGACGGCGGATGACCGAAGCTCAGCACATGGCTTTGGCCGAGCTGCCCCGG  
AGTTGCTGCTGCAGGTGCTGAGCCATGTGCCTCCTCGCGGTTAGTGACCCGCTGCCGGCCGGTGTGCC  
CGCCTGGCGGACCTAGTAGATGGCCAAAGCGTATGGCTGCTGCAACTGGCTCGCGACCGCAGCGCGGAG  
GGCAGAGCCCTCTACGCCTTGGCCAGAGCTGCCCGCCGACCGCAACGGCCACGACGACTTCCCACTCT  
GTGCTCTGGCCCGCTTCTGCCTGCTAGCGCCGCTTGGCCGCAACCTCATCTACAACCTCTGCGGAGAACA  
GGGCTTCAGAGGTTGGGAAGTGGAAATGGCGGGAACGGCTGGGCTGTGAAAAGAATCTGACGATGGTG  
CCAGGGGCTCCTTCTCAAACCTGCTTCTGACTTCTTTGAGTGGTGCTTCAAGAGGCAGCTTGTAGACC  
TGGTGAAGGAAGGAGTGTGGCAGGAGCTGCTGGACAGTGGCCAGATTGAGATCTACATAGCTGACTGGTG  
GGGCGCCCGTGAGAACTGCGGCTGCATCTACAGGCTTCGGGTCGCCTACTGGACGAACATGAAAACGAA  
GTGGTCAAGTTCTCTGCCTCACCAACCCAGTCTTTCAGTGGACTGAGAGGAGCTGCCACAAGTCTCTC  
ACGTCTTCACTGACTTTGGCAAGGCATCCGCTATGTGTCCTTTGAGCAGTATGGAAGAGACACTCGTTC  
CTGGGTGGGACACTATGGTGCCCTCGTGACCCACTCCACTGTGCCGGTTCAGGATCCGTCTGTCC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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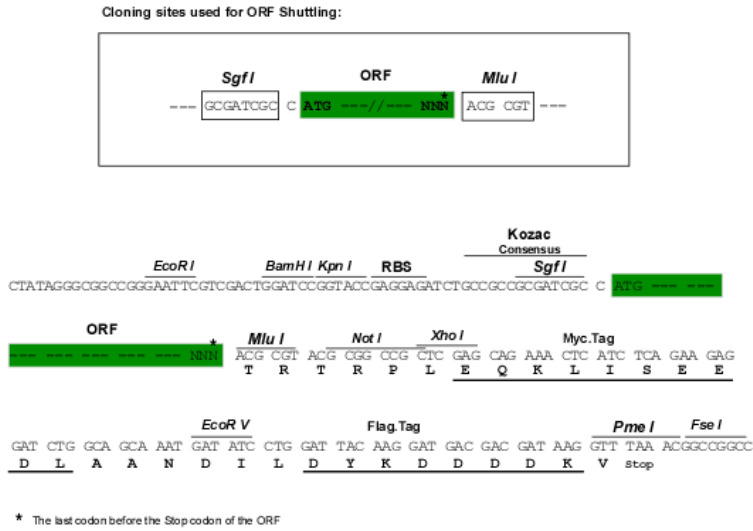
**Protein Sequence:** >RR206465 representing NM\_001013064  
Red=Cloning site Green=Tags(s)

MGAQPSRRRMTEAQHMALAEPPPELLLQVL SHVPPRALVTRCRPVCRAWRDLDGSPVWLLQLARDRSAE  
 GRALYALAQSCPADRNGHDDFPLCALARFCLLAPLGRNLIYNSCGEQGFGRGWEVEHGGNGWAVEKNLTMV  
 PGAPSQTCFVTSFEWCFKRQLVDLVKEGVWQELLDQAQIEIYIADWWGARENCGGIYRLRVRLLEHENE  
 VVKFSASPVPVQWTERSCRQVSHVFTDFGKGI RYVSFEQYGRDTRSWVGHYGALVTHSTVVRVIRLS

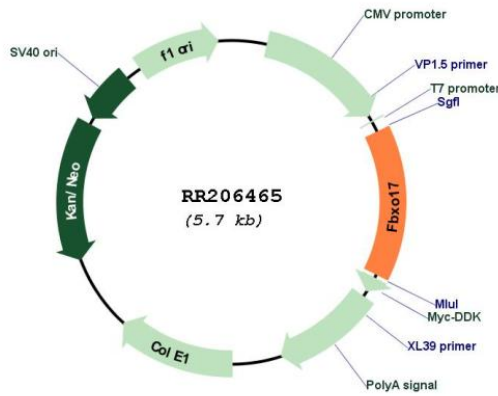
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001013064  
**ORF Size:** 834 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_001013064.2</a> , <a href="#">NP_001013082.2</a>
<b>RefSeq Size:</b>	1639 bp
<b>RefSeq ORF:</b>	837 bp
<b>Locus ID:</b>	292757
<b>UniProt ID:</b>	<a href="#">Q6AY27</a>
<b>Cytogenetics:</b>	1q21
<b>MW:</b>	31.7 kDa
<b>Gene Summary:</b>	Substrate-recognition component of the SCF (SKP1-CUL1-F-box protein)-type E3 ubiquitin ligase complex. Able to recognize and bind denatured glycoproteins, which are modified with complex-type oligosaccharides. Also recognizes sulfated glycans. Does not bind high-mannose glycoproteins (By similarity).[UniProtKB/Swiss-Prot Function]