

## Product datasheet for **RR214118**

### **Fbxl4 (NM\_001107919) Rat Tagged ORF Clone**

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Fbxl4 (NM\_001107919) Rat Tagged ORF Clone  
 Tag: Myc-DDK  
 Symbol: Fbxl4  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 ORF Nucleotide Sequence: >RR214118 representing NM\_001107919  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTCACCAGTGTTCATGTTAACAGTTCTGACCATGTTTTATTATATGTGCCTTCGGCGTCGAGCCA  
 GGACAGCTACGAGAGGAGATATGATGAGCAGCCATAGGACTATAGTATCAAACAGCCGGACTTCCCCTCT  
 CAATGCAGAGGTGGTCCAGTATGCTAAGGAAGTGGTGGATTTTCAGTTCCCACTACGGCAGCGAGAACAGC  
 ATGTCCTATACCATGTGGAATTTGGCAGGTGTACCAAATGTCTTCCCAAGTTCTGGCGACTTCACGCAGA  
 CGGCTGTGTTTCGAACCTACGGAACATGGTGGGATCAGTGTCTAGTGCATCCTTGCCATTCCAGAAGAAC  
 GCCGTCCAGTTTTCAGAGCCAGGACTATGTGGAAGTACTTTGAGCAACAAGTGTATCCCACAGCTGTC  
 CATGTGCTGGAGACCTACCATCCTGGAGCAGTCATCAGAATTCTGGCCTGCTCGGCAAAATCCCTACTCCC  
 CAAATCCTCCAGCAGAAGTAAGATGGGAGACTCTTTGGTCCGAGAGACCCACGAAGTGAATGCTTCCCA  
 GGCTCGCCAGTTTAAACCTCGTATTAAGCAAATAAATTTCCCACAAACCTTATACGACTGGAAGTAAAC  
 AGTTCTCTCTGGATTATTACACCGAATTAGATGCAGTTGTGCTACATGGTACGAAGGACAAGCCACTGC  
 TCTCTCAAGACTGCCTTGTAGACATGAATGATCTAGAAGATGATGACTATGAAGAGAAGGACGGCTG  
 TGAATGGACGCTCTTAACAAAAAGTTTAGCAGTGTACCTTGGGGATGGGCCAAGTAACGGGTATTTT  
 GATAAACTACCATATGAGACCTGTGTAGAT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RR214118 representing NM\_001107919  
 Red=Cloning site Green=Tags(s)

MSPVFPMLTVLTMFYIMCLRRRARTATRGDMSSHRTIVNSRTSPLNAEVVQYAKEVVDVFSSHYGSENS  
 MSYTMWNLAGVPNVFPSSGDFQTAVFRTYGTWWDQCPSASLPFRRTPFSSFQSQDYVELTFEQVYPTAV  
 HVLETYHPGAVIRILACSANPYPNPPAEVRWETLWSERPTKVNASQARQFKPRIKQINFPTNLIRLEVN  
 SSLLDYYTELDAVVLHGTKDKPLLSLKTALVDMNDLEDDDYEEKDGCMDALNKKFSSATLGDGSPNGYF  
 DKLPYETCVD

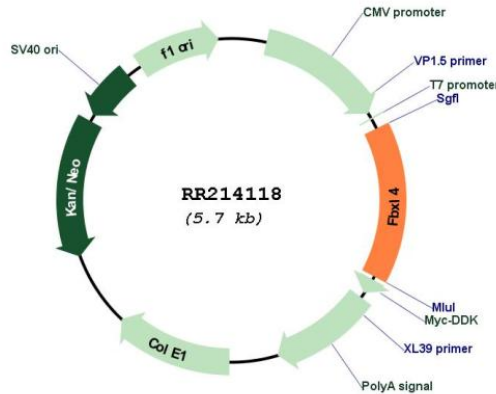
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001107919

<b>ORF Size:</b>	870 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_001107919.1</a> , <a href="#">NP_001101389.1</a>
<b>RefSeq Size:</b>	2480 bp
<b>RefSeq ORF:</b>	873 bp
<b>Locus ID:</b>	313101
<b>Cytogenetics:</b>	5q21
<b>MW:</b>	32.9 kDa