

## Product datasheet for **RR207622**

### **Fbx15 (NM\_001107222) Rat Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Fbx15 (NM_001107222) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fbx15
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide  
Sequence:

>RR207622 representing NM\_001107222  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGAAGCAGCTGGTGGGGCGCTACTGCGACAAGCTTTCTAAAACCACTTTTCCAACAACAATGACTTCC  
GTGCTCTTCTCCAGTCTTTATATGCTACTTTCAAGGAGTTTAAAAATGCATGAACAAATTGAAAATGAATA  
CATTATTGGTTTACTTCAGCAACGCAGTCAGACCATTTACAATGTGCATTCTGACAATAAGCTCTCCGAG  
ATGCTTAGTCTCTTTGAAAAGGGGCTGAAGAATGTTAAGAATGAGTGTGAACAGTTGAATTATGCAAAGC  
AGCTGAAGGAGAGATTGGAGGCCCTCACGAGAGATTTCTTCCCCACATGAAAGAGGAGGAGGAGGTTTT  
TCAGCCCATGTTAATGGAATATTTACCTATGAAGAGCTTAAAGATATCAAAAAGAAAGTGATCGCACAA  
CACTGCTCACAGAAGGACACAGCAGAATCCTCAGAGGGCTCAGTCTGTGAATCAAGCTGAAGAGCGAC  
AGAAAGTTTTCAAATATCTGTGGATGAGAAGTCAGATGCAGAAGCGGAAGTGCAGAACACTCCACAGG  
TATAACCCATCTTCTCCTGAGGTAATGTGTCCATTTTCAGTTACCTTAATCCTCAAGAATTGTGTCCG  
TGCACTCAAGTCAGCACTAAGTGGTCTCAGCTGGCAAAGACAGGATCTTTGTGGAAACATCTTTACCCTG  
TTCATTGGGCAAGAGGTGACTGGTATAGTGGCCCTGCCACTGAACTTGATACTGAACCTGATGAGGAATG  
GGTGAAGATAGGAAAGATGAAAGTCGTGCTTTCCAGGAATGGGACGAAGATGCCGATATAGATGAATCT  
GAAGAGTCTGCAGAGGAATCGGTTGCTATCAGCATTGCACAAATGGAAAAACGTTTACTCCATGGCTTAA  
TTCATAATGTTCTGCCATATGTTGGTACCTCTGTAAAACTTTAGTGTTAGCATAACAGCTCTGCAGTCTC  
CAGCAAAATGAGTCTTCGGCATCTTGACTGTCTGGATGTGAAAAATCACAGACATGGCTCTGGAGAAG  
ATTTCTAGAGCTCTTGGAGTCTGACATCTCATCAGAGTGGCGTCTGAAAAGTGCAGGCAAGACTACTT  
CAACTCCATGGACAAATAAAGACATTACCATGCCATCCACCACGCAGTATGCCTGTTTGCACAATTTAAC  
TAACAAAAGGCGTTGGTGAAGAAATCGACAGCGAACACACTTGGACTGAACCTGTGTCTTCTGAAAGTTTC  
ACTCCTCCCTACGTGTGGATGCTAGATGCTGAAGATTTGGCCGATATCGAAGATGCTGTAGAATGGAGGC  
ACAGAAACGTTGAAAGTCTCTGTGTGATGGAAACAGCCTCCAACCTTTGGTTGTTCTCCTCTGGTTGTTA  
CAGCAAGGACATTGTGGGATTAAGGACTAGTGTCTGTTGGCAGCAGCATTGTGCTTCTCCAGCCTTTGCG  
TATTGTGGTCATTCTGTTGCACAGGGACAGCTCTAAGAATATGTCTGCCTCCAGCGGCTTCTG  
CAGTGTGTAGAAAAGCATTAAAGGACTACGTTGCCAGGGGAAAGACTTAATTTATTTGGGAGTAAAA  
GTCTGACCAAGAGACTGGACGAGTACTTTGTTCTCAGTCTGTCTGGATGTTACCAGATCACAGACCAT  
GGTCTCAGGGTCTGACTCTGGGAGGAGACTGCCTTACTTGGAGCACCTGAATCTCTCTGGCTGTCTGA  
CTGTAACCTGGTGCAGGACTGCAGGATTTGGTCTCAGCATGCTTCCCTAAATGACGAATACTTCTACTA  
CTGTGACAACATTAACGGTCTCATGCTGACACCGCCAGTGGATGCCAGAATTTGCAGTGTGTTTTCGA  
GCCTGCTGCCGCTCTGGCGAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RR207622 representing NM\_001107222  
Red=Cloning site Green=Tags(s)

MKQLVGRYCDKLSKTNFSNNNDFRALLQSLYATFKEFKMHEQIENEYIIGLLQQRSQTIYNVHSDNKLSE  
 MLSLFEKGLKNVKNCEQLNYAKQLKERLEAFTRDFLPHMKEEEEVFQPLMEYFTYEELKDIKKKVIAQ  
 HCSQKDTAELLRGLSLWNQAEERQKVFKYSVDEKSDAEAEVSEHSTGITHLPPEVMLSIFSYLNPQELCR  
 CSQVSTKWSQLAKTGSLWKHLYPVHWARGDWYSGPATELDTEPDEEWVRSRKDESRAFQEWDEDEDADIDES  
 EESAEEVAISIAQMEKRLHLHGLIHNVLPIYVGTSVKTLVLAYSSAVSSKMSLRHLDL.SGCEKITDMALEK  
 ISRALGVLTSHQSGVLKSAGKTTSTPWTNKDITMPSTTQYACLHNLTKNGVGEEIDSEHTWTEPVSSSEF  
 TPPYVWMLDAEDLADIEDAVEWRHRNVESLCVMETASNFGCSSSGCYSKDIVGLRTSVCVQQHCASPFA  
 YCGHSFCTGTALRTMSALPAASAVCRKALRTTLPRGKDLIYFGSEKSDQETGRVLLFLSLSGCYQITDH  
 GLRVLTGGGLPYLEHLNL.SGCLTVTGAGLQDLVSACPSLNDEYFYCDNINGPHADTASGCQNLQCGFR  
 ACCRSGE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_001107222

**ORF Size:** 1911 bp

**OTI Disclaimer:** 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. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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\\_001107222.1](#), [NP\\_001100692.1](#)

**RefSeq Size:** 2658 bp

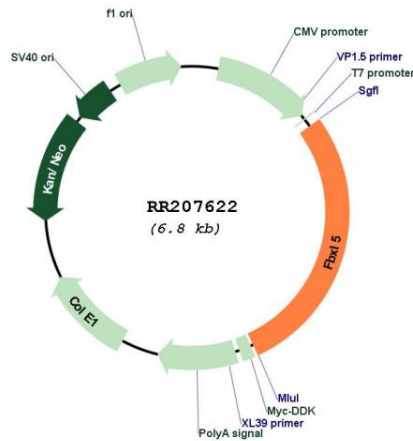
**RefSeq ORF:** 1914 bp

**Locus ID:** 305424

**Cytogenetics:** 14q21

**MW:** 71.7 kDa

**Product images:**



Circular map for RR207622