

## Product datasheet for RR212102

### Fibp (NM\_172334) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Fibp (NM_172334) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fibp
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR212102 representing NM_172334 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGACTAGCGAAGTACGACTTTTCGTGGGCAACACGACCCTTATAGATGAAGACGTGTATCGCCTCTGGC  
TGGATGGTTACTCAGTGAACGATGCAGTGGCTCTGCGAGTACGCTCCGGAATCTGGAGCAGACGGGAGC  
CACCACAGGAGTACTGCAGAGCGACACCATGGACCACTACCGCACCCTTTCACATGCTTGAGCGTCTGCTT  
CACGCGCCGCGAAGCTGCTGCACCAGCTCATCTCCAGATTCCCTCCCTCCCGACAGGCACTCCTCATCG  
AGAGGTAACACCTTTGACGAGGCCTTTGTCGGGAGGTCTTGGCAAGAAGCTGTCCAAGGTTACCAA  
GAAAGACCTTGATGACATCAGCACAAAACCGAATTACTCTCAAGAGCTGCCGGAGGCAGTTTGACAAC  
TTCAAGCGAGTCTTCAAGGTGGTGAAGAAATGCGGGGCTCCCTGGTGGATAACATCCAGCAACACTTTC  
TCCTCTCTGACCGATTAGCCAGAGACTATGCAGCCATCGTCTTCTCGCCAACAACCGTTTTGAAACAGG  
CAAGAAAAAGCTGCAGTATCTGAGCTTTGGCGACTTTGCCTTCTGTGCTGAGCTTATGATCCAAAACCTGG  
ACCCTTGGAGCCGTCGACTCTCACATGGATGACATGGATGTGGACTTAGATAAGGAGTTTCTCCAAGACT  
TGAAGGAGCTCAAGGTTCTAGTAGCTGACAAGGACCTTTTAGACTTGCACAAGAGCCTGGTGTGACTGC  
CCTCCGGGGGAAGCTGGGTGTCTTTTTGAGATGGAAACCAACTCAAGAATCTGTCCCGGGGGCTGGTG  
AACGTGGCTGCCAAGCTGACCCACAATAAGGATGTCAGAGACCTGTTTGTGGACCTGTGGAGAAGTTTG  
TGAACCTGCGCTTTGACCACTGGCCACTGAGTGACGTGAGGCTCTTCCCTCAGCAAGTATTCAGCGTC  
TGTCCTACTCCTTGGATGGCTTCCGGCACCAGGCCCTCTGGGACCGCCACATGGGCACCCTCCGTGGCTGC  
CTTTTGGCCTTTATCATGAT

ACGCGTACGCGGGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
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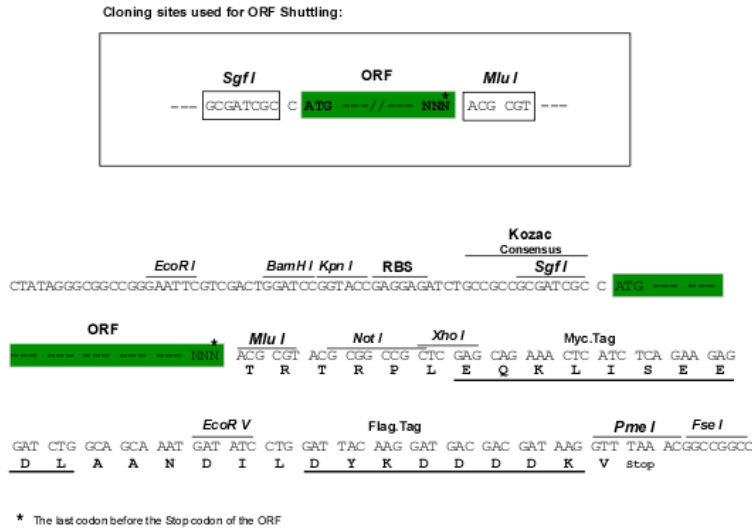
**Protein Sequence:** >RR212102 representing NM\_172334  
 Red=Cloning site Green=Tags(s)

MTSELDIFVGNTTLLIDEDVYRLWLDGYSVNDVAVALRVRSGLILEQTGATTGVLQSDTMDHYRTFHMLERLL  
 HAPPKLLHQLIFQIPPSRQALLIERYTFDEAFVREVLGKKLSKGTKKLDDISTKTGITLKCRRQFDN  
 FKRVFVKVVEEMRGLVDNIQQHFLLSDRLARDYAAIVFFANNRFETGKKLQYLSFGDFAFCAELMIQNW  
 TLGAVDSHMDDMDVDLKEFLQDLKELKVLVADKDLLDLHKS LVCTALRGKLG VFFEMETNFKNLSRGLV  
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 LLRLYHD

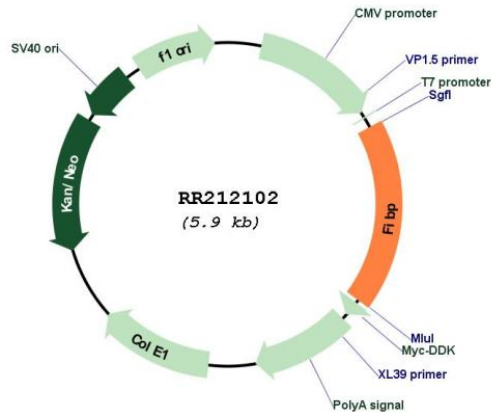
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_172334

<b>ORF Size:</b>	1071 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_172334.2</a> , <a href="#">NP_758837.1</a>
<b>RefSeq Size:</b>	1179 bp
<b>RefSeq ORF:</b>	1074 bp
<b>Locus ID:</b>	282837
<b>Cytogenetics:</b>	1q43
<b>MW:</b>	41.3 kDa