

## Product datasheet for MR205602

### Fibp (BC031716) Mouse Tagged ORF Clone

#### Product data:

|                           |   |
|---------------------------|---|
| Product Type:             | Expression Plasmids   |
| Product Name:             | Fibp (BC031716) Mouse Tagged ORF Clone                            |
| Tag:                      | Myc-DDK   |
| Symbol:                   | Fibp  |
| Synonyms:                 | 2010004G08Rik; 2010005N21Rik; 3010027N18Rik                       |
| Mammalian Cell Selection: | Neomycin  |
| Vector:                   | pCMV6-Entry (PS100001)  |
| E. coli Selection:        | Kanamycin (25 ug/mL)  |
| ORF Nucleotide Sequence:  | >MR205602 ORF sequence<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGACCAGCGAACTAGACATTTTCGTGGGGAACACGACCCTTATAGATGAAGACGTGTATCGCCTCTGGC  
TGGATGGTTACTCAGTGAACGATGCAGTGGCTCTGCGAGTACGCTCCGGAATCTTGGAGCAGACGGGAGC  
CACCACAGGAGTCTGCAGAGCGACACCATGGACCACTACCGCACCTTTCACATGCTTGAGCGTCTGCTG  
CACGCGCCGCGAAGCTGCTGCACCAGCTCATCTCCAGATTCCCTCCCGACAGACACTCCTCATCG  
AGAGGTACTACACCTTTGATGAGGCCTTTGTTCCGGAGGTCTTGGCAAGAAGCTGTCCAAGGGTACCAA  
GAAAGACCTGGATGACATCAGCACCAAAACAGGAATTACTCTCAAGAGCTGCCGGAGGCAGTTTGACAAC  
TTTAAACGAGTCTTCAAGGTGGTGAAGAAATGCGGGGCTCCCTGGTGGACAACATCCAGCAGCACTTCC  
TCCTCTCTGACCGGCTAGCCAGGGATTACGCAGCCATCGTCTTTTTTGCACAAACCGCTTTGAAACAGG  
AAAGAAAAGCTGCAGTACCTGAGCTTTGGGGACTTTGCCTTCTGTGCAGAGCTTATGATCCAGAAGCTGG  
ACCCTTGGAGCCGTCGGTGAAGGCTTCAAGGCTCAAGGTTCTCGTGGCTGACAAGGACCTCCTGGACCTGCA  
TAAGAGCCTGGTGTGCACTGCCCTCCGGGAAAGCTGGGTGTCTTCTCTGAGATGGAACCAACTCAAG  
AATCTGTCTCGGGGCTGGTGAACGTGGCTGCCAAGCTGACCCACAATAAGGATGTCAGAGACCTATTTG  
TGGACCTCGTGGAGAAGTTGTGGAACCTGCCGCTCTGACCACTGGCCACTGAGTGATGTGCGGCTCTT  
CCTCAGCCAGTATTCAGCGTCAGTCCACTCCCTGGATGGCTTCCGGCACCAAGGCACTCTGGACCGCTAC  
ATGGGCACCTCCGTGGCTGCCTTCTGCGCCTCTATCATGAT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

**Protein Sequence:** >MR205602 protein sequence  
Red=Cloning site Green=Tags(s)

MTSELDIFVGNTTLLIDEDVYRLWLDGYSVNDAAVALRVRSGLILEQTGATTGVLQSDTMDHYRTFHMLERLL  
 HAPPKLLHQLIFQIPPSRQTLIIERYTFDEAFVREVLGKKLSKGTKKLDDISTKTGITLKSRRQFDN  
 FKRVFKVVEEMRGLVDNIQQHFLLSDRLARDYAAIVFFANNRFETGKKLQYLSFGDFAFCAELMIQNW  
 TLGAVGEAPTDPSQVDDMDVDLDFLQDLKELKVLVADKDLLDLHKSIVCTALRGKLGVFSEMETNFK  
 NLSRGLVNVAAKLTHNKDVRDLFVDLVEKVFVEPCRSDHWPLSDVRLFLSQYSASVHSLDGFRRHQLWDRY  
 MGLTRGCLLRLYHD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

**ACCN:** BC031716

**ORF Size:** 1092 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:** [BC031716](#), [AAH31716](#)

**RefSeq Size:** 1234 bp

**RefSeq ORF:** 1094 bp

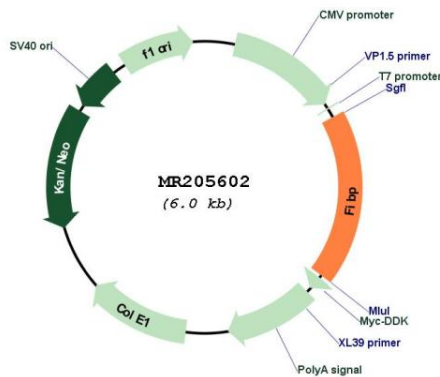
**Locus ID:** 58249

**Cytogenetics:** 19 A

**MW:** 41.9 kDa

**Gene Summary:** May be involved in mitogenic function of FGF1 (By similarity). May mediate with IER2 FGF-signaling in the establishment of laterality in the embryo (By similarity).[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR205602