

Product datasheet for MR205611

Fibp (BC049284) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fibp (BC049284) 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:	>MR205611 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACCAGCGAACTAGACATTTTCGTGGGGAACACGACCCTTATAGATGAAGACGTGTATCGCCTCTGGC
TGGATGGTTACTCAGTGAACGATGCAGTGGCTCTGCGAGTACGCTCCGGAATCTTGGAGCAGACGGGAGC
CACCACAGGAGTCTGCAGAGCGACACCATGGACCACTACCGCACCTTTCACATGCTTGAGCGTCTGCTG
CACGCGCCGCGAAGCTGCTGCACCAGCTCATCTCCAGATTCCCTCCCGACAGACACTCCTCATCG
AGAGGTACTACACCTTTGATGAGGCCTTTGTTCCGGAGGTCTTGGCAAGAAGCTGTCCAAGGGTACCAA
GAAAGACCTGGATGACATCAGCACAAAACAGGAATTACTCTCAAGAGCTGCCGGAGGCAGTTTGACAAC
TTTAAACGAGTCTTCAAGGTGGTGAAGAAATGCGGGGCTCCCTGGTGGACAACATCCAGCAGCACTTCC
TCCTCTCTGACCGGCTAGCCAGGGATTACGCAGCCATCGTCTTTTTTGCACAACACCGCTTTGAAACAGG
AAAGAAAAGCTGCAGTACCTGAGCTTTGGGGACTTTGCCTTCTGTGCAGAGCTTATGATCCAGAAGTGG
ACCCTTGGAGCCGTCGGTGAAGCCCACTGACCCAGACTCTCAGGTGGACGACATGGATGTGGACTTAG
ATAAGGAGTTTCTCAAGACTTGAAGGAGCTCAAGTTCTCGTGGCTGACAAGGACCTCCTGGACCTGCA
TAAGAGCCTGGTGTCACTGCCCTCCGGGAAAGCTGGGTGTCTTCTCTGAGATGGAACCAACTCAAG
AATCTGTCTCGGGGCTGGTGAACGTGGCTGCCAAGCTGACCCACAATAAGGATGTCAGAGACCTATTTG
TGGACCTCGTGGAGAAGTTGTGGAACCTGCCGCTCTGACCACTGGCCACTGAGTGATGTGCGGCTCTT
CCTCAGCCAGTATTCAGCGTCAGTCCACTCCCTGGATGGCTTCCGGCACCAAGGCACTCTGGACCGCTAC
ATGGGCACCTCCGTGGCTGCCTTCTGCGCCTCTATCATGAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR205611 protein sequence
 Red=Cloning site Green=Tags(s)

MTSELDIFVGNTTLIDEDVYRLWLDGYSVNDAAVALRVRSGLILEQTGATTGVLQSDTMDHYRTFHMLERLL
 HAPPKLLHQLIFQIPPSRQTLIIERYTFDEAFVREVLGKKLSKGTKKLDDISTKTGITLKSRRQFDN
 FKRVFKVVEEMRGLVDNIQQHFLLSDRLARDYAAIVFFANNRFETGKKLQYLSFGDFAFCAELMIQNW
 TLGAVGEAPDPDSQVDDMDVDLDFLQDLKELKVLVADKDLLDLHKSIVCTALRGKLGVFSEMETNFK
 NLSRGLVNVAAKLTNKKDVRDLFVDLVEKVFVEPCRSDHWPLSDVRLFLSQYSASVHSLDGFRRHQLWDRY
 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: BC049284

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: [BC049284](#), [AAH49284](#)

RefSeq Size: 1236 bp

RefSeq ORF: 1094 bp

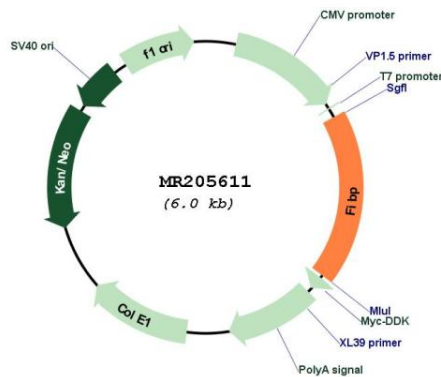
Locus ID: 58249

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 MR205611