

Product datasheet for **MG205611**

Fibp (BC049284) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fibp (BC049284) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Fibp
Synonyms:	2010004G08Rik; 2010005N21Rik; 3010027N18Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG205611 representing BC049284 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACCAGCGAACTAGACATTTTCGTGGGGAACACGACCCTTATAGATGAAGACGTGTATCGCCTCTGGC
TGGATGGTTACTCAGTGAACGATGCAGTGGCTCTGCGAGTACGCTCCGGAATCTTGGAGCAGACGGGAGC
CACCACAGGAGTGTGCAGAGCGACACCATGGACCACTACCGCACCTTTCACATGCTTGAGCGTCTGCTG
CACGCGCCGCGAAGCTGTGCACCAGCTCATCTCCAGATTCCCTCCCGACAGACACTCCTCATCG
AGAGGTACTACACCTTTGATGAGGCCTTTGTTCCGGGAGGTCTTGGCAAGAAGCTGTCCAAGGGTACCAA
GAAAGACCTGGATGACATCAGCACCAAAACAGGAATTACTCTCAAGAGCTGCCGGAGGCAGTTTGACAAC
TTTAAACGAGTCTTCAAGGTGGTGAAGAAATGCGGGGCTCCCTGGTGGACAACATCCAGCAGCACTTCC
TCCTCTCTGACCGGCTAGCCAGGGATTACGCAGCCATCGTCTTTTTTGCACAACACCGCTTTGAAACAGG
AAAGAAAAGCTGCAGTACCTGAGCTTTGGGGACTTTGCCTTCTGTGCAGAGCTTATGATCCAGAAGCTGG
ACCCTTGGAGCCGTGGTGGAGGCCCTGACTGACCCAGACTCTCAGGTGGACGACATGGATGTGGACTTAG
ATAAGGAGTTTCTCAAGACTTGAAGGAGCTCAAGTTCTCGTGGCTGACAAGGACCTCCTGGACCTGCA
TAAGAGCCTGGTGTGCACTGCCCTCCGGGAAAGCTGGGTGTCTTCTCTGAGATGGAACCAACTCAAG
AATCTGTCTCGGGGCTGGTGAACGTGGCTGCCAAGCTGACCCACAATAAGGATGTCAGAGACCTATTTG
TGGACCTCGTGGAGAAGTTTGTGGAACCTGCCGCTCTGACCACTGGCCACTGAGTGATGTGCGGCTCTT
CCTCAGCCAGTATTCAGCGTCAGTCCACTCCCTGGATGGCTTCCGGCACCCAGGCACTCTGGACCGCTAC
ATGGGCACCTCCGTGGCTGCCTTCTGCGCCTCTATCATGAT

ACCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG205611 representing BC049284
 Red=Cloning site Green=Tags(s)

MTSELDIFVGNTTLLIDEDVYRLWLDGYSVNDVAVALRVRSIGILEQTGATTGVLQSDTMDHYRTFHMLERLL
 HAPPKLLHQLIFQIPPSRQTLIIERYTFDEAFVREVLGKKLSKGTKKDLDISTKTGITLTKSCRRQFDN
 FKRVFKVVEEMRGLVDNIQQHFLLSDRLARDYAAIVFFANNRFETGKKLQYLSFGDFAFCAELMIQNW
 TLGAVGEAPDTPDSQVDDMDVDLDKEFLQDLKELKVLVADKDLLDLHKS LVCTALRGKLG VFSMETNFK
 NLSRGLVNVAAKLTHNKDVRDLFVDLVEK FVEPCRS DHWPLSDVRLFLSQYSASVHSLDGFRRHQALWDRY
 MGTLRGCLLLRYHD

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: BC049284

ORF Size: 1094 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

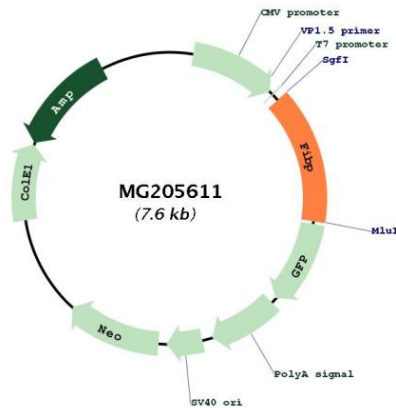
RefSeq ORF: 1094 bp

Locus ID: 58249

Cytogenetics: 19 A

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 MG205611