

Product datasheet for **MC210178**

Fibp (NM_021438) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fibp (NM_021438) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fibp
Synonyms:	2010004G08Rik; 2010005N21Rik; 3010027N18Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC210178 representing NM_021438 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGACCAGCGAACTAGACATTTTCGTGGGAACACGACCCCTATAGATGAAGACGTGTATCGCCTCTGGC
TGGATGGTTACTCAGTGAACGATGCAGTGGCTCTGCGAGTACGCTCCGGAATCTGGAGCAGACGGGAGC
CACCACAGGAGTCTGCAGAGCGACACCATGGACCACTACCGCACCTTTCACATGCTTGAGCGTCTGCTG
CAGCGCCGCGAAGCTGCTGCACCAGCTCATCTCCAGATTCCCTCCCTCCGACAGACACTCCTCATCG
AGAGGTAACACCTTTGATGAGGCCTTTGTTCCGGGAGGTCTTGGCAAGAAGCTGTCCAAGGGTACCAA
GAAAGACCTGGATGACATCAGCACAAAACAGGAATTACTCTCAAGAGCTGCCGGAGGCAGTTTGACAAC
TTTAAACGAGTCTCAAGGTGGTGAAGAAATGCGGGGCTCCCTGGTGGACAACATCCAGCAGCACTTCC
TCCTCTGACCGGTTAGCCAGGGATTACGCAGCCATCGTCTTTTTTCCCAACAACCGCTTTGAAACAGG
AAAGAAAAGCTGCAGTACCTGAGCTTTGGGGACTTTGCCTTCTGTGCAGAGCTTATGATCCAGAAGTGG
ACCCTTGGAGCCGTCGACTCTCAGGTGGACGACATGGATGTGGACTTAGATAAGGAGTTTCTCCAAGACT
TGAAGGAGCTCAAGTTCTCGTGGCTGACAAGGACCTCCTGGACCTGCATAAAGAGCCTGGTGTGCACTGC
CTCCGGGAAAAGCTGGGTGCTTCTCTGAGATGGAAACCAACTCAAGAATCTGTCTCGGGGGCTGGTG
AACGTGGCTGCCAAGCTGACCCACAATAAGGATGTCAGAGACCTATTTGTGGACCTCGTGGAAGAAGTTTG
TGAACCTCGCCGCTCTGACCACTGGCCACTGAGTGATGTGCGGCTCTTCCCTCAGCCAGTATTCAGCGTC
AGTCCACTCCCTGGATGGCTTCCGGCACCAGGCACTCTGGGACCCTACATGGGCACCCTCCGTGGCTGC
CTTCTGCGCTCTATCATGAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_021438



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Insert Size:	1074 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:	<ol style="list-style-type: none"> 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:	<u>NM_021438.4, NP_067413.1</u>
RefSeq Size:	1219 bp
RefSeq ORF:	1074 bp
Locus ID:	58249
UniProt ID:	<u>Q9JI19</u>
Cytogenetics:	19 A
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) uses an alternate in-frame splice site in the 3' coding region, compared to variant 1. This results in a shorter protein (isoform 2), compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>