

Product datasheet for **MG216259**

Fibp (NM_021438) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fibp (NM_021438) 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:	>MG216259 representing NM_021438 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACCAGCGAACTAGACATTTTCGTGGGAACACGACCCTTATAGATGAAGACGTGTATCGCCTCTGGC
TGGATGGTTACTCAGTGAACGATGCAGTGGCTCTGCGAGTACGCTCCGGAATCTTGGAGCAGACGGGAGC
CACCACAGGAGTCTGCAGAGCGACACCATGGACCACTACCGCACCTTTCACATGCTTGAGCGTCTGCTG
CACGCGCCGCGAAGCTGCTGCACCAGCTCATCTCCAGATTCCCTCCCTCCGACAGACACTCCTCATCG
AGAGGTACTACACCTTTGATGAGGCCTTTGTTCCGGAGGTCTTGGCAAGAAGCTGTCCAAGGGTACCAA
GAAAGACCTGGATGACATCAGCACCAAAACAGGAATTACTCTCAAGAGCTGCCGGAGGCAGTTTGACAAC
TTTAAACGAGTCTTCAAGGTGGTGAAGAAATGCGGGGCTCCCTGGTGGACAACATCCAGCAGCACTTCC
TCCTCTCTGACCGGTTAGCCAGGGATTACGCAGCCATCGTCTTTTTTGCCAAACCGCTTTGAAACAGG
AAAGAAAAGCTGCAGTACCTGAGCTTTGGGGACTTTGCCTTCTGTGCAGAGCTTATGATCCAGAAGTGG
ACCCTTGGAGCCGTCGACTCTCAGGTGGACGACATGGATGTGGACTTAGATAAGGAGTTTCTCCAAGACT
TGAAGGAGCTCAAGTTCTCGTGGCTGACAAGGACCTCCTGGACCTGCATAAGAGCCTGGTGTGCACTGC
CCTCCGGGAAAGCTGGGTGTCTTCTCTGAGATGGAACCAACTCAAGAATCTGTCTCGGGGCTGGTG
AACGTGGCTGCCAAGCTGACCCACAATAAGGATGTCAGAGACCTATTTGTGGACCTCGTGGAGAAGTTTG
TGGAACCCTGCCGCTCTGACCACTGGCCACTGAGTGATGTGCGGCTCTTCCCTCAGCCAGTATTCAGCGTC
AGTCCACTCCCTGGATGGCTTCCGGCACCAGGCACTCTGGGACCCTACATGGGACCCTCCGTGGCTGC
CTTCTGCGCCTCTATCATGAT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG216259 representing NM_021438
 Red=Cloning site Green=Tags(s)

MTSELDIFVGNTTLIDEDVYRLWLDGYSVNDVAVALRVRSGLILEQTGATTGVLQSDTMDHYRTFHMLERLL
 HAPPKLLHQLIFQIPPSRQTLIIERYTFDEAFVREVLGKKLSKGTKKDLDISTKTGITLTKSCRRQFDN
 FKRVFKVVEEMRGLVDNIQQHFLLSDRLARDYAAIVFFANNRFETGKKLQYLSFGDFAFCAELMIQNW
 TLGAVDSQVDDMDVDLDEFLQDLKELKVLVADKDLLLHKSLVCTALRGKLGVFSEMETNFKNLSRGLV
 NVAAKLTHNKDVRDLFVDLVEKFVEPCRSDHWPLSDVRLFLSQYSASVHSLDGFRRHQALWDRYMGTLRGC
 LLRLYHD

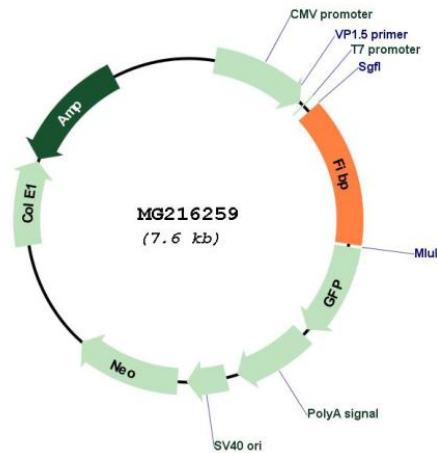
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_021438

ORF Size:	1071 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:	<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:	NM_021438.4 , NP_067413.1
RefSeq Size:	1074 bp
RefSeq ORF:	1074 bp
Locus ID:	58249
UniProt ID:	Q9J119
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]