

Product datasheet for **MR202431**

Fibin (NM_026271) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fibin (NM_026271) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fibin
Synonyms:	1110018M03Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR202431 representing NM_026271 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTGTCCCGAAGTTGATCTGGATGGGTTTCTTTTCCACCTGTGTCGAGGCTACTTTGATGGCCCC
TGTACCCAGAAATGTCTAATGGGACTTTGCATCATTACTTCGTGCCTGATGGAGACTATGAGGAGAATGA
TGACCCCGAGAAATGCCAGCTGCTCTTCAGGGTGAGTGATCGCAGGCGCTGCCAGGGGAAGGGGGC
CAAGCCAGTAGCTTGCTGAGCCTCACTCTCGAGAGGAGTTCACAGTACTGGGCCCCAGGTGGAGGATG
CTGGACGCGTCTGGAGGCATCAGCAAGAGCATCTCCTACGACCTGGATGGGGAAGAGAGCTATGGCAA
GTACCTGAGGCGGGAGTCCCACCAGATCGGGGATGCCTACTCCAACCTCTGACAAGTCCCTCACTGAGCTG
GAAAGCAAGTTCAAGCAGGGCCAAGAGCAGGATAGCCGGCAGGAAAGCAGACTCAATGAGGACTTCTGG
GGATGCTGGTCCACACCAGGTCCTTGCTGAAGGAGACACTGGACATCTCTGTGGGGCTCAGAGACAAATA
CGAGCTGCTGGCACATACCATCAGGAGCCATGGGACCCGCTTAGGTGCGACTGAAAAGCGACTATCTGGAG
GGTGGGGCACAGAAGACAGGC

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR202431 representing NM_026271
Red=Cloning site Green=Tags(s)

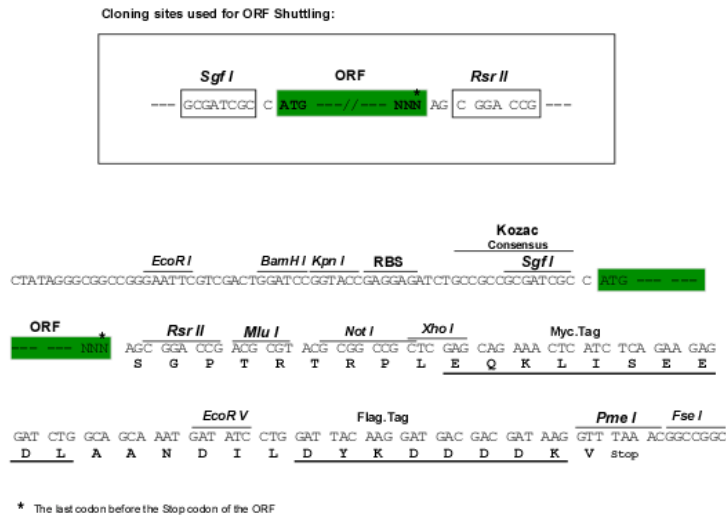
MVFPKLIWMGFFCHLCRGYFDGPLYPEMSNGLHHYFVPDGDYEENDPEKCQLLFRVSDRRRCSQGEGG
 QASSLLSLTLREEFTVLGRQVEDAGRVLEGISKSI SYDL DGEESYGKYL RRESHQIGDAYSNSDKSL TEL
 ESKFKQQEQDSRQESRLNEDFLGMLVHTRSLK KETLDI SVGLRDKYELLAHTIRSHGTRLGR LKSDYLE
 GGAQKTG

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9059_g11.zip

Restriction Sites: SgfI-RsrII

Cloning Scheme:



ACCN: NM_026271

ORF Size: 651 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: [NM_026271.1](#), [NP_080547.1](#)

RefSeq Size: 2069 bp

RefSeq ORF: 654 bp

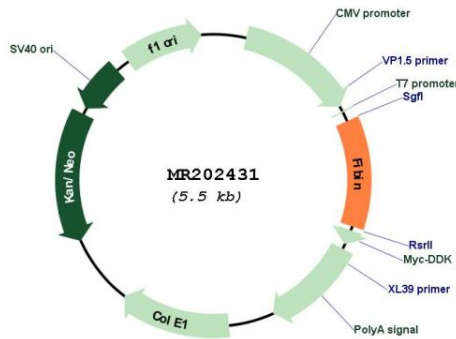
Locus ID: 67606

UniProt ID: [Q9CQS3](#)

Cytogenetics: 2 E3

MW: 24.8 kDa

Product images:



Circular map for MR202431