

Product datasheet for **RR207804**

Fibcd1 (NM_001107829) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fibcd1 (NM_001107829) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fibcd1
Synonyms:	RGD1309097
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

>RR207804 representing NM_001107829
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTCCACGAGCGGTGGAAGACCGTGGGCGGCCGCTCCCAACTTGAGGACCGACCGCGCACAAACCGC
 AGAGAGCAGGCTGCAGTTACATCCTGTGCACGGTCTCCTGTCCCTTGCGGTGCTGCTGGCGGTGGCTGT
 CACCGGCGCCGTTCTCTTCTGAACCATGCCATGCACCAGGCACAGCGCCTCCACCCATCGTCAGCACT
 GGGGCTGCCGGGGCAACAGTGCCTGGTACCCTGGAGAGGGCTGACAGTTCCACCTCAGTCTCTCTCA
 TCGACCTCGTGCCTGACCTCACTGACAGCTTCGCCCGCCTGGAGGGCATCCAGGCCTCCATACTTCG
 GACTGAGTGAACAGGCACAGCCGCGCTGGATGGTCCCGGAGCTGCTGGATGCACTGGCTGAC
 CAGCTGCCCGGCTGCTGGCCGGGCTCTGAGCTGCAGGCTGAATGTGCTGGGCTGCGCAAAGGACACA
 GCCTCTGGGCCAGGGCCTCAGACCCTGCAGAGTGAACAGGGTCGCCTCATTAGCTTCTCTCCGAGAG
 TCAAGGTACATGGCTCATCTGGTGAACCTCAGTCACTGATGTCTGGAGGCTCTGCAGAGGGAGCGGGG
 CTAGGCCGGCCCGAGTCAAGGCTGACCTTCAGAGGGCACCTCCAGGGGAGCCCGCCTCGAGGCTGTG
 CAAACGGATCTCGGCCCGGGACTGTCTGGATGTTCTCCTGAGTGGACAGCAGGATGATGGTGTCTACTC
 CGTCTTCCCACTCACTACCCAGCTGGCTTCCAGGTCTACTGCGACATGCGTACTGACGGCGGGGCTGG
 ACGGTGTTTCAGCGCCGGGAGGATGGCTCTGTGAACCTTTTCAGAGGCTGGGAGGCTTACCGGGAGGGCT
 TCGGCAAGCTTACAGGGGAGCACTGGCTGGGGCTCAAGCGGATCCACGCCCTGACCACGCAAGCAGCATA
 TGAGCTTACGTGGACCTAGAGGACTTTGACAAATGGCACCGCCTATGCCCACTACGGGAGCTTTGGTGTG
 GGCTTGTCTCTGTGGACCTGAGGAGGATGGTACCCTCACGGTGGCTGACTACTCTGGCACTGCAG
 GCGACTCCCTCTGAAGCACAGTGGCATGAGATTTACCACAAAGACCGGGACAGCGACCATTCAGAGAA
 CAACTGTGCCCGCTTCTACCGAGGGCCTGGTGGTACCGCAACTGCCACACATCCAACCTCAATGGCCAG
 TACCTGCGGGGCCACACGCCTCTACGCCGACGGTGTGAGTGGTCTCTTGGACGGGATGGCAGTACT
 CACTCAAGTTCTCGGAGATGAAGATCCGGCCACTCCGTGAGGACCGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR207804 representing NM_001107829
 Red=Cloning site Green=Tags(s)

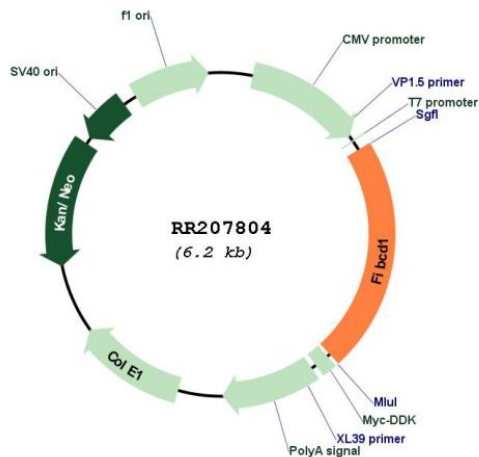
MVHERWKTVGGASQLEDRPRDKPQRAGCSYILCTVLLSLAVLLAVAVTGAVLFLNHAHAPGTAPPIVST
 GAAGANSALVTVERADSSHLSLLIDPRCPDLTDSFARLEGIQASILRTLSEHQAQPRLDGAPPELLDALAD
 QLPRLARASELQAEAGLRKGSLLGQGLSTLQSEQRLIQLLSESQGHMAHLVNSVSDVLEALQRERG
 LGRPRVKADLQRAPSRGARPRGCANGSRPRDCLDVLLSGQQDDGVYSVFPHTYPAGFQVYCDMRTDGGGW
 TVFQRREDGSVNFVRGWEAYREGFGKLTGEHWLGLKRIHALTTQAAYELHVDLEDFDNGTAYAHYGSFGV
 GLFSVDPEEDGYPLTVADYSGTAGDSLKHSRMRFTTKDRSDHSENNCAAFYRGAWWYRNCHTSLNLNGQ
 YLRGPHASYADGVEWSSWTGWQYSLKFSMKIRPLREDR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Plasmid Map:


ACCN: NM_001107829

ORF Size: 1377 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_001107829.1](#), [NP_001101299.1](#)

RefSeq Size: 4695 bp

RefSeq ORF: 1380 bp

Locus ID: 311861

Cytogenetics: 3p12

MW: 50.5 kDa