

Product datasheet for **MG203580**

Fibcd1 (NM_178887) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fibcd1 (NM_178887) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Fibcd1
Synonyms: A1448887
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG203580 representing NM_178887
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTCACCTGGTGAACCTCAGTCAGTGATGTCCTGGAGGCTCTGCAGAGGGAGCGGGCCCTAGGCCGGC
CCCGTGTCAAGGCTGACCTTCAGAGGGCCCTTCCCGGGAGCCCGCCCGAGGCTGTGCTAATGGCTC
TCGGCCGCGGACTGCCTGGATGTTCTCCTGAGTGGACAGCAGGATGATGGTGTCTACTCTATCTCCCC
ACTCACTACCCAGCTGGCTTCCAGGTCTACTGTGACATGCGCACTGATGGTGGAGGCTGGACGGTATTTCC
AGCGCCGGAAGATGGCTCTGTGAACCTTTTCCGAGGTTGGGAGGCGTACCGGGAGGCTTCGGCAAGCT
CACAGGAGAGCACTGGCTGGGGCTCAAGCGGATTCACGCCCTGACCACACAAGCAGCATACGAGCTTCAC
GTGGACCTAGAAGACTTTGACAACGGCACCGCCTATGCCCACTACGGGAGTTTTGGTGTGGGCTTGTCT
CTGTGGACCCCGAGGAGGATGGGTACCCACTCACGGTGGCTGACTACTCCGGCACCGCAGGTGACTCCCT
CCTGAAGCACAGTGGCATGAGGTTTACCACCAAGGACCGGGACAGCGACCACTCGGAGAACAACCTGTGCC
GCCTTCTACCGAGGAGCCTGGTGGTACCGCAACTGTACACATCCAACCTCAATGGCCAGTACCTGCGTG
GTGCACACGCCTCTACGCAGACGGCGTCGAGTGGTCTCTTGGACGGGATGGCAGTATTCACTCAAGTT
CTCGGAGATGAAGATCCCGCCGGTCCGTGAGGACCGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG203580 representing NM_178887
 Red=Cloning site Green=Tags(s)

MAHLVNSVSDVLEALQRERGLGRPRVKADLQRAPSRGARPRGCANGSRPRDCLDVLLSGQQDDGVYSIFP
 THYPAGFQVYCDMRTDGGGWTVFQRREDGSVNF FRGW EAYREGFKLTGEHWLGLKRIHALTTQAAYELH
 VDLEDFDNGTAYAHYGSFGVGLFSVDPEEDGYPLTVADYSGTAGDSL LKHSGMRF TTKDRDSDHSEN NCA
 AFYRGAWWYRNCHT SNLNGOYL RGAHASYADGVEWSSWTGWQYSLKF SEMKIRPVREDR

TRTRPLE - GFP Tag - V

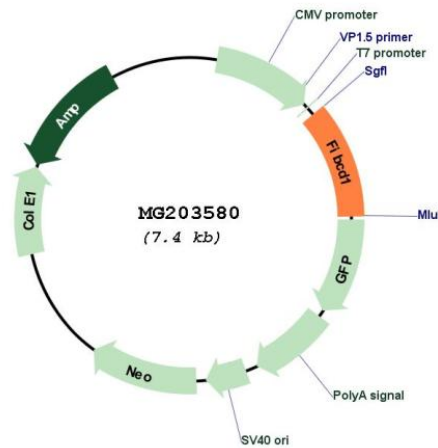
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN: NM_178887

ORF Size: 807 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_178887.2 , NP_849218.1
RefSeq Size:	4710 bp
RefSeq ORF:	1380 bp
Locus ID:	98970
UniProt ID:	A2AV25
Cytogenetics:	2 B
Gene Summary:	Acetyl group-binding receptor which shows a high-affinity and calcium-dependent binding to acetylated structures such as chitin, some N-acetylated carbohydrates, and amino acids, but not to their non-acetylated counterparts. Can facilitate the endocytosis of acetylated components (By similarity).[UniProtKB/Swiss-Prot Function]