

Product datasheet for MG201317

Fcf1 (BC033045) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fcf1 (BC033045) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Fcf1
Synonyms: 1110008B24Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG201317 representing BC033045
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGGAAGCAAAAGAAAACAAGGAAATATGCGACTATGAAGCGAATGCTCAGTCTGAGAGACGAGCGAC
 TTAAGAAAAGGATAGGTTGAAGCCTAAAAGAAAAGAGAAGAAAGATCCGAGCGCGCTGAAGGAAAAGAGA
 AGTCCCCAGCATCCTTCTGCTTGTCTTCCAGTATAATACACAGCTGGGTCCACCTTACCACATCCTT
 GTCGATACCAACTTCATCACTTTCCATTAAGGCCAACTGGACTTAGTGCAGTCAATGATGGACTGTC
 TGTATGCCAAGTGTATCCCTTGATAACTGATTGTGTAATGGCTGAAATTGAGAAATTGGGACAGAAGTT
 TCGTGTGGCACTAAGAATCGCTAAGGATCCACGGTTTGACCGATTGCCGTGCACACACAAAGGAACCTAC
 GCTGACGACTGCTTGGTACAGAGAGTAACCTCAGCACAAGTGTTACATTGTGGCCACAGTTGACCGTGACC
 TA

A**CGCGT**ACGCGGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG201317 representing BC033045
 Red=Cloning site Green=Tags(s)

MGKQKKTRKYATMKRMLSLRDERLKEKDRLKPKKKEKKDPSALKEREVPQHPSCLFFQYNTQLGPPYHIL
 VDTNFINFSIAKLDLVQSMMDCLYAKCIPCITDCVMAEIEKLGQKFRVALRIAKDPRFDRPLPCTHKGT
 YADDCLVQRVTQHKCYIVATVDRDL

T**R**TRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI



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Cloning Scheme:


ACCN: BC033045

ORF Size: 494 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: [BC033045](#), [AAH33045](#)

RefSeq Size: 730 bp

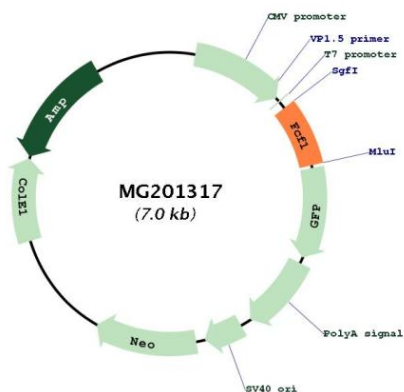
RefSeq ORF: 494 bp

Locus ID: 73736

Cytogenetics: 12 D1

Gene Summary: Essential protein involved in pre-rRNA processing and 40S ribosomal subunit assembly.
[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG201317