

Product datasheet for **MG200136**

Wfdc15b (NM_138685) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Wfdc15b (NM_138685) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Wfdc15b
Synonyms: 9230106L14Rik; SWAM1; Wfdc15
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG200136 representing NM_138685
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAAGCTGCTTGGCCTCTCTACTCGCAGTGACCATTCTGCTTTGCTGTAAACATGGCTCGACCTGAAA
 TAAAGAAGAAGAACGTTTTTCCAAACCTGGCTATTGCCAGAGTATCGGGTTCCTGCCCTTTGTCCT
 TATACCTAAATGCAGGCGTGATAAAGGCTGCAAGGACGCCCTGAAGTGTGCTTCTCTACTGCCAGATG
 CGCTGTGTGGATCCATGGGAGAGCCAGAA

ACGCGTACGCGGCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG200136 representing NM_138685
 Red=Cloning site Green=Tags(s)
 MKLLGLSLLAVTILLCCNMARPEIKKKNVFSKPGYCPEYRVPCPFVLIPKCRDCKGCKDALKCCFFYCQM
 RCVDPWESPE

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI


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Cloning Scheme:


ACCN: NM_138685

ORF Size: 240 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:

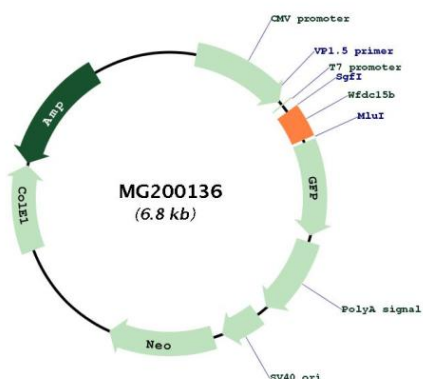
1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store 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_138685.2](#), [NP_619626.1](#)

RefSeq Size: 585 bp

RefSeq ORF:	243 bp
Locus ID:	192201
UniProt ID:	Q9JHY4
Cytogenetics:	2 H3
Gene Summary:	Antibacterial protein which inhibits the growth of E.coli and S.aureus.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG200136