

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)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGCTGCTTGGCCTCTCTACTCGCAGTGACCATTCTGCTTTGCTGTAACATGGCTCGACCTGAAA
TAAAGAAGAAGAACGTTTTTCCAAACCTGGCTATTGCCAGAGTATCGGGTTCCTGCCCTTTGTCT
TATACCTAAATGCAGGCGTGATAAAGGCTGCAAGGACGCCCTGAAGTGTGCTTCTCTACTGCCAGATG
CGCTGTGTGGATCCATGGGAGAGCCAGAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

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

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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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_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]