

Product datasheet for **MG201686**

1700001F09Rik (NM_027940) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: 1700001F09Rik (NM_027940) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: 1700001F09Rik
Synonyms: Gm10377
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG201686 representing NM_027940
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGTTCCCAAGCAGGGTCATTTAGGAAGGCATCACCCAAACTCCCAACATCGATGAGAACGAGAAAA
GAATCAAGAGGTTGGAGAAGCTCAAAGAGATCTCAGAACATTAATAATGAGAGAGACATTCTCCAGGG
AATCCTGGCCAAGTACAAGGATTTGAATGACAGGACCAACTTTGAGACATTCATGCTTGAGATGCAACAT
AACCAGATGATGACTGACCTGAAGAGAATGTCCAGGACATCAGTGAGGCCTTGTACAAGTGCCAGCATT
TGACTAAAGAAAATCAATTATACTGCTGCAGGAACTGCCACCTCTGATTGAATCTAACCTCATCCAGCA
CAAAGTCAGGATGTTGTGGAAGGAGAACAGACAGCTGCTAAGGAAGCAGATTGCATTGGAAGAATGCAAC
ATAAAAACAAAAATACTATGTAAGAAGGCAGCCAGAAGATCAAAGACGAATATAGCAGGCAAGCAGCAG
GAAAACAATAATTGTGGTACCTGGAAGTAAAGAAGAGGCTGCTATGTCAATCCATGTGCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG201686 representing NM_027940
Red=Cloning site Green=Tags(s)

MGSQAGSFRKASPQTPNIDENEKRIKRLKRDLEKLNKNERDILQGILAKYKDLNDRNFTFMLEMQH
NQMTDLKRMSSQDISEALYKQHLTKENQLYCCRNCHLLIESNLIQHKVRMLWKENRQLLRKQIALEECN
IKTKILCKEGSQIKDEYSRQAAGKQIIIVVPGSKEEAAMSNPCA

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI



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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:	<u>NM_027940.2, NP_082216.1</u>
RefSeq Size:	883 bp
RefSeq ORF:	555 bp
Locus ID:	71826
Cytogenetics:	14 B