

Product datasheet for **MG201508**

1700037H04Rik (BC006041) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: 1700037H04Rik (BC006041) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: 1700037H04Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG201508 representing BC006041
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTGCAGCCAACAGAGGCAGTAAGCCCAGAGTCCGAAGTATCCGCTTTCAGCAGGCCACGATGCAG
AAGGCTCCCAGAGCCACGTCCACTTTGATGAAAAGCTGCATGACTCGGTGGTCATGGTTACTCAGGAGAG
TGACAACAGCTTCTTAGTCAAGGTTGGCTTCCTGAAGATCCTGCACAGGTATGAGATTACCTCACTCTG
CCTCCAGTGCCGAGACTGAGCAAGGACATCCGTGAGACCCCTGTCCACAGCTTGCACCTCAAGCTGCTCA
CGCTCACACCCACCTCTGAAGTTACAGCATCAAGTGTGAGTACTCGGCACACAAAGAAGGTGTTCTCAA
AGAGGAGATGCTCCTGGCCTGCGAGGGTGACATAGGCACCTGTGTGCGTGTGACGGTGCAGGCGCGGGTC
ATGGACCGGCACACGGTACACCCATGCTGCTGGATGGTCAAGTGTGTGGCGCTGAGCTGGAGTATG
ACTCGGAACAGAGCGATTGGCTCGGCTTCGAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG201508 representing BC006041
Red=Cloning site Green=Tags(s)
MAAANRGSKPRVRSIRFAAGHDAEGSQSHVHFDEKLHDSVVMVTQESDNSFLVKVGFLLKILHRYEITFTL
PPVRRLSKDIRETPVHSLHLKLLSVTPTSEGYSIKCEYSAHKEGVLKEEMLLACEGDIGTCVRVTVQARV
MDRHHGTPMLLDGVKCVGAELEYDSEQSDWLGF

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>BC006041, AAH06041</u>
RefSeq Size:	1273 bp
RefSeq ORF:	524 bp
Locus ID:	67326
Cytogenetics:	2 F1