

## Product datasheet for **MG214370**

### Gm5800 (NM\_001034102) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Tag:** TurboGFP  
**Symbol:** Gm5800  
**Synonyms:** EG545047  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)

**ORF Nucleotide Sequence:** >MG214370 representing NM\_001034102  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGGGTTCCCAAGCAGGGTCTTTTAGGAAGGCATCACCTGAAACTCCCAACATCAATGAGCAGGAGAAAA  
GAATCAAGAGGTTGGAGAAGCTCAAAGAGATCTCCAGAACATAAAAAATGAGAGAGACGAAGTCCAGGG  
AATCTTGGCCAATTATTGTAACAAGAATTTGAATGACAGGATCAACTTTGAGACATTCATGCTCACGATG  
CAACATGACCAAGTGATGACTGACTTGAAGAGAATGACCCAGGAAATCAGTGAGGCCCTGTCCAAGTACA  
AGGAGTTGACTACAGAAAATCAATTATACTACTTCAGGACCTGTCACCTCCTGACTGAATGTAACCACAT  
CAAGCAGAAAAGTCAGGATGCTGAGGAAAGAGAACAGACAGCTGTTTGCAGAGCAAAAAGCATTAGAAGAA  
TGCAACATACTAAGAAAAATACTATGTAAGAAGACAGCCAGAAGAACAAAAACAAATATAGCAGGCAAT  
CAGCAGGAAAACAATAATTGTGTACCTGGAAGTAGGAGAAGGCTGCTGTGCAATCCATGTGCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >MG214370 representing NM\_001034102  
Red=Cloning site Green=Tags(s)

MGSQAGSFRKASPETPNINEQEKRIRLEKLRDLQNIKNERDELQGILANYCNKLNDRINFETFMLTM  
QHDQVMTDLKRMTQEISEALSKYKELTTENQLYFRTCHLLTECNHIKQKVRMLRKENRQLFAEQKALEE  
CNILRKILCKEDSQKNKNKYSRQAGKQIIVVPGSREKA AVSNPCA

TRTRPLE - GFP Tag - V

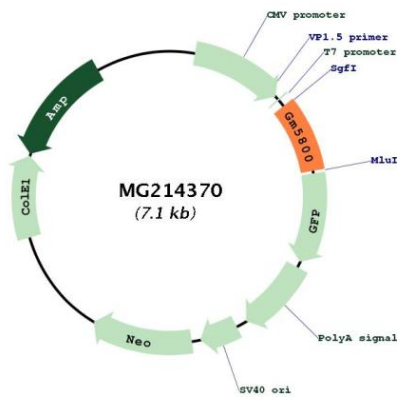
**Restriction Sites:** SgfI-MluI





RefSeq Size: 881 bp  
 RefSeq ORF: 561 bp  
 Locus ID: 545047  
 Cytogenetics: 14 C1

**Product images:**



Circular map for MG214370