

## Product datasheet for **MR223864**

### Gm13547 (NM\_001177392) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Gm13547 (NM\_001177392) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Gm13547  
**Synonyms:** OTTMUSG00000012686  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR223864 representing NM\_001177392  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCTTCCTCTGGCCATGATGTTAGTACTTCTTCGTGATTCTCATTCCCCGAGAGACATCTGCCAGAC  
GAAGGAAACAGGCCTCAGCCCTGCTGAAGGAGGAGACCCGAGTGAGGGCCACATCCTGCTGGAGTTGGGT  
ATGGGGAGAGGAACGGAGAGAGGCAAATGAAGACAATCAGTTAGAGCCGAATGGCTTTCAGTCATCAA  
GCTGACCTGGCCAGGTGTTCTGGTCTGCTCAGGTGCCACGGATGGCACTGCTCCTGCACCGCCAACCA  
CTGATGACACTATGTTTCTTGGTGTCTCCCTGCCAGATGCTGATCTCATTAGTCGGGTATCACTTCA  
GAGCCATGATGCTGGCAATTGCTCTAACCTCATGGAGGAGACCAAGACTTCTCATCGACTGAGAGTCTG  
CAACAACCTTCTCAACAGCTCAATGGCCTTGTGTCTGAGATACCACAGGACTGGGACCCAGAAAGAAGG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR223864 representing NM\_001177392  
Red=Cloning site Green=Tags(s)

MASSGHDVSTSFVILIPRETSARRRKQASALLKEETRVSRATSCWSVWVWGEERREANEDNQLEPNGFVAVIK  
ADPGQVFWSAQVPTDGTAPAPPTTDDTMFLGVVPCPDADLISRVSLQSHDAGNCSNLMEETKTFSSSTESL  
QQLSQQLNGLVSEIPQDWPERR

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mm9055\\_c03.zip](https://cdn.origene.com/chromatograms/mm9055_c03.zip)



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Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM\_001177392

ORF Size: 489 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\\_001177392.1](#), [NP\\_001170863.1](#)

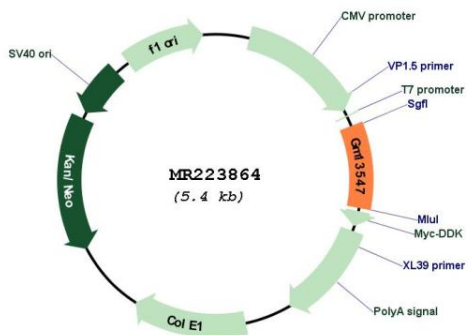
RefSeq Size: 629 bp

RefSeq ORF: 492 bp

Locus ID: 433416

Cytogenetics: 2  
 MW: 18 kDa

**Product images:**



Circular map for MR223864