

## Product datasheet for MR206012

### Gm13152 (BC066875) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Gm13152 (BC066875) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Gm13152
Synonyms:	OTTMUSG00000010671
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR206012 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAGTGTGTCTCTGCTAAACATGCCACAGGGTTTGTTATCCTTCAAGGACGTGGCCTTGGACTTCTCAC  
TGGAGGAATGGGAATGTCTCAGTTTTGCTCAGAGGTCATTGTACATGGATGTGATGTTGGAGGATTACAA  
CAATCTGTTGTTGTGAAAAATCATTGCATACATGGAAAGTATGAGAAGGTCATGGATCAAGACAGCCAG  
TACATTGTTCTTGAACACATGAATATTCAGAGAAGTCTTCTAAATGGAACAAGCTTAGCAATGTGATTC  
TAGAATCCTCCCATTATACACCTCACAATGTACTGAATGGGACAAATGCTTTTCCAAAAATCCCATCT  
TAATTTTCATCAGAAAAATTCATGCAGGAGAGAAATCTTACAAATGCAGTGAATGCAGCAAAATGCTTTACC  
GAAAAAGGCAGTCTCAGAATTCATCAGAGAATTCATACAGGAGAGAAACCTTACAAATGTAGCGAATGTG  
ACAAATGCTTTACTGGAAAAGGCAATCTGAGAATTCATCAGAGAATTCATACAGGAGAGAAAACCTTACAA  
ATGCAGTGAATGTGACAAATGCTTTACCAACAATCCAATCTTAGTATTCATCAGAGAATTCATACAGGA  
GAGAAACCTTACAAATGCAGTGAATGTGACAAATGCTTTACCAAGAATCCTATCTTAGTATTCATCAGA  
GAATTCATACAGGAGAGAAAACCTTACAAATGCAGTGAATGTGGCAAAATGCTTTACTGAAAAAGCAGTCT  
GAGAATTCATCAGAGAATTCATACAGGAGAGAAAACCTTACAAATGCAGTGAATGTGACAAATGCTTTACC  
CAACAATCCCATCTTAGTATTCATCAGAGAATTCATACAGGAGAGAAAACCTTACAAATGCAGTGAATGTG  
ACAAATGCTTTACCAACAATCCAATCTTAGTATTCATCAGAGAATTCATACAGGAGAGAAAACCTTACAA  
ATGCAGTGAATGTGGCAAAATGCTTTACTGAAAAAGCAGTCTGAGAATTCATCAGAGAATTCATACAGGA  
GAGAAACCTTACAAATGCAGTGAATGTGGCAAAATGCTTTACTGAAAAAGCAGTCTGAGAATTCATCAG  
AGAATTCATACAGGAGAGAAAACCTTACAAATGCAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR206012 protein sequence  
Red=Cloning site Green=Tags(s)

MSVSLLNMPQGLLSFKDVALDFSLEEWELCSFAQRSLYMDVMLEDYNNLLFVENHCIHGKYEKVMDQDSQ  
 YIVLEHMNIQEKKSNKLSNVILESSHYPHKCTEWDKCFSSQKSHLNHFHQIHAGEKSYKCSECDKCF  
 EKGSLRIHQRIHTGEKPYKCSECDKCF TGKGNLRIHQRIHTGEKPYKCSECDKCF TKQSNLSIHQRIHTG  
 EKPYKCSECDKCF TQESYLSIHQRIHTGEKPYKCSECGKCFTEKSSLRIHQRIHTGEKPYKCSECDKCF  
 QQSHLSIHQRIHTGEKPYKCSECDKCF TQSNLSIHQRIHTGEKPYKCSECGKCFTEKSSLRIHQRIHTG  
 EKPYKCSECGKCFTEKKQSENSENSENYSRRETLQMQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

**ACCN:** BC066875

**ORF Size:** 1155 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:** [BC066875](#), [AAH66875](#)

**RefSeq Size:** 2891 bp

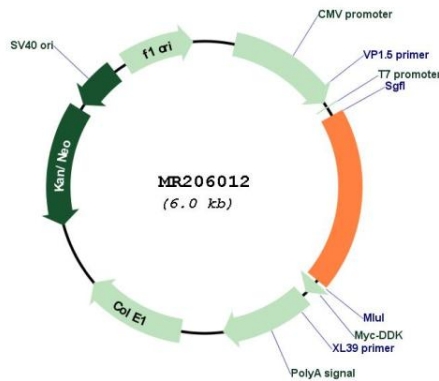
**RefSeq ORF:** 1157 bp

**Locus ID:** 195531

**Cytogenetics:** 4

**MW:** 45.2 kDa

**Product images:**



Circular map for MR206012