

## Product datasheet for MR213890

### 2310057J18Rik (NM\_026336) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** 2310057J18Rik (NM\_026336) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** 2310057J18Rik  
**Synonyms:** 2210414P04Rik; Leg1  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR213890 representing NM\_026336  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCTGTCTGGCTTCTGGGTCTGGGTACTGGCTGGCTGCTTCTGTGCAGCTGTAGCAGAGGTTTCTG  
ATAGCTCAGATCCATATCCTCCTTTATGGGAAGACAGCCCTGAGCAGTTGAGTGACTACATGATGGAGGA  
TGGGAACACATAATTAATCCTTGGGTATACACTGACAGAATGGGGATGTACAGAATCTTACTGGAAGAG  
ACAGCTATGATTTTGC AAAATATGGTCCAGAAAATGAACAAAATCTTCTTTGGGGATTGCCTCTGCAGT  
TTGGCTGGCAGTATCAATCAGGTAGATTAGCTGATCCCACTGGAATGACAGACTGTGGCAATGAACCTTAA  
TGAGAGTCTGTGTCTCTGTGGACAGTTGGTGGGCAGATATAAATTATTATCTGAGTGTGATACCTTTC  
CTTGCTGCTGTTGATTCTGGAATAACAGGAATATCACCAAACCAATCACGATCCTGCCTCCACCCAAGG  
ATCAGATGAGGTTTTGTTATAATGTTTCTGACTGTCAATCTGCCGTCCTGGAACAATGAACAGATGGAG  
AGACTTTTTTCAGTACATGCAGTTGAATCCAGTGACTTTGATGGCCTTCTTAACACTTATGGGAAGCC  
CATGCCTCATCCTGGACTATCCCACAGTGCCTTTGGAGACAGATATAATTTCTATTCTGAAAAAGAG  
CAAATTTGAGGAAAACCTGGCTATTGCTGTGAACTATTTAGCGGCAGCCCGTCTTCTACAACCAAAAA  
TAGAACATACAGCTTTTCAGAGGGGCTGCCCCACGAGTCCTTGTGATACTGACATAGCCCTTTTATT  
CCTGACTTCACTCCTCTCAGAACGAAGTCTGGTATCACTCAAACCTTCTGGTGATACTGACAGAAAAT  
CAGGATCATTATCTTTGACTCTATGGGAAAATCTCATGAGTACAAAACCTGCAAGAACATTATTTCTAAA  
AGCCTTTGAAGAGTTCCTGGCAACATCTTCT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

**Protein Sequence:** >MR213890 representing NM\_026336  
Red=Cloning site Green=Tags(s)

```
MAVLASWVWLAGCFCAVAEVSDDPYPLWEDSPEQLSDYMMEDGNYIINPWVYTDRMGMYRILLEE
TAMYFAKYGPENEQNLLWGLPLQFGWQYQSGRLADPTGMTDCGNELNESLCVSVDSWWADINYYLSVIPF
LAAVDSGITGISPNQITILPPPDKQMRFCYNVSDCQSAVPGTMNRWRDFFQYMQLNSSDFDGLLNLYWEA
HASSLDYPTSAFGDRYNFYSEKEANFEENWAIAVNYLAAAARLPTTQNRYSFQRGLPPRVLVDTDIAPFI
PDFTPLQNEVLVSLKLLGDTDRNSGSLSLTLWENLMSTKLARTLFLKAFEEFLATSS
```

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



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

**ACCN:** NM\_026336

**ORF Size:** 1011 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\\_026336.3](#), [NP\\_080612.1](#)

**RefSeq Size:** 1319 bp

**RefSeq ORF:** 1014 bp

**Locus ID:** 67719

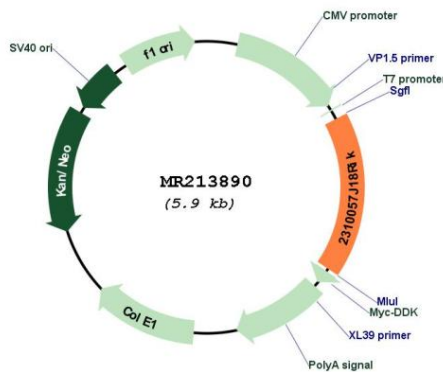
**UniProt ID:** [Q8C6C9](#)

**Cytogenetics:** 10 A4

**MW:** 38.7 kDa

**Gene Summary:** May be involved in early liver development.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR213890