

## Product datasheet for **MR215100**

### 4930555G01Rik (NM\_175393) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** 4930555G01Rik (NM\_175393) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** 4930555G01Rik  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR215100 representing NM\_175393  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGTTTTCCAGGCTGCTCAGGCTATGTCTGAAAGGGAATGGCGATGAAGGAGAGACCAGACCAAAAAAGA  
AGGAAGAGGGAATCCTTTCTCATGAAAAAGGAAGAAGGAAATTGTTCTGGAGAAGGCACAGGCTGCTAG  
AAATACTTCAACCCAAAATCCAACATCACAAATCAGATATCAAATAAAATAAAGTAGAAGAAGTAAAA  
TTGCATATAAGGAAGATCAGCAATGAGAGGAAGGAAATGTGTGAAATCCTGAATGTTACATGTATGAGG  
ATTTAAACTACAGGATGAACACTGAATTCACATAAATTAATCACACATGAGAAGACAATGTTGGATAT  
GAATAAAATGACCCAGTCCATAATTGGTTCATGCACTCCATGGAAGTATAGAAGATAACTATTCC  
TACAGCATTAAAGGAGGACCACCTCCTCCGTGAGTGCCTCAACTCAACAAAAAGTAAGGATATTACTGA  
ATGAGAACAGAAAGCTGCTGGTGGAGCAGGCTGGAACGCAAGTGTCTGTGGGGAAGAAAAGAGTTCTG  
TGAGGAGGCCAGCAAGAACATCTGTGCCTCAAGTGCAAAGGAACAGCAGCTTCCC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR215100 representing NM\_175393  
Red=Cloning site Green=Tags(s)

MFSRLRLCLKGNDEGETRPPKKKEEILSHEKGRKLFWRHRPARNTSTQNSNITNQISINKVEELK  
LHIRKISNERKEMCEILNVYMYEDLNRYMNTFNIIKSQHEKTMMDNMKMTQSIIGSMQYSMELIEDNYS  
YSIKEDHLLRECTQLNKKVRILLNENRKLLEQAGTQVSCGEEKRFCEEASKNICASSAKEQQLP

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mm9080\\_e04.zip](https://cdn.origene.com/chromatograms/mm9080_e04.zip)



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Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM\_175393

ORF Size: 615 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\\_175393.4](#), [NP\\_780602.2](#)

RefSeq Size: 2065 bp

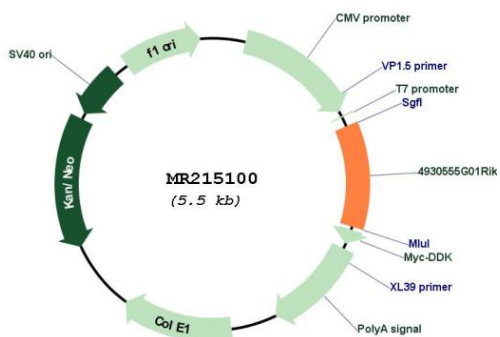
RefSeq ORF: 618 bp

Locus ID: 108978

Cytogenetics: 14 A1

MW: 24.2 kDa

Product images:



Circular map for MR215100