

## Product datasheet for **MR212548**

### 1110012L19Rik (NM\_026787) Mouse Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
Product Name: 1110012L19Rik (NM\_026787) Mouse Tagged ORF Clone  
Tag: Myc-DDK  
Symbol: 1110012L19Rik  
Mammalian Cell Selection: Neomycin  
Vector: pCMV6-Entry (PS100001)  
E. coli Selection: Kanamycin (25 ug/mL)  
ORF Nucleotide Sequence: >MR212548 representing NM\_026787  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAAGTTTCCCTGCCTATCCTTCCGGCAGCCCTACGCTGGTTAATCTTAAATGGAGTCAAGACTCTTG  
AGACACGTTGGCGTCCCCTGTTGAGCAGCGTTCAGAAATACACCATTGCCATCCACATTGCTCACAAGGA  
CTGGGAAGATGATGAATGGCAGGAAGTGCTCATGGAGAGGTTGGGGATGACCTGGACACAGATTGAGACC  
TTACTACAGGCAGGAGAAAAGTACGGCAGAGCGTGATAGCTGGACTTATTGACATTGGAGAGACTTTTC  
AGTGTCAGAGACCTTAACTGCTGAGGAGGCTGTGGAAGTGGAACTCAAGCTGTGCTAACCAATCTGCA  
GCTGAAGTACCTGACTCAAGTTTCAAACCCAGGTGTTACTGGAGCCCATACTAGGAAAGGGGAAAG  
GATATATTCCAGGTAGACATCCCAGAGCACTTGATCCCACTGGAGAAAGAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: [https://cdn.origene.com/chromatograms/mm9051\\_g11.zip](https://cdn.origene.com/chromatograms/mm9051_g11.zip)

Restriction Sites: Sgfl-MluI



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**Cloning Scheme:**


**ACCN:** NM\_026787

**ORF Size:** 471 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\\_026787.2, NP\\_081063.1](#)

RefSeq Size: 1057 bp

RefSeq ORF: 474 bp

Locus ID: 68618

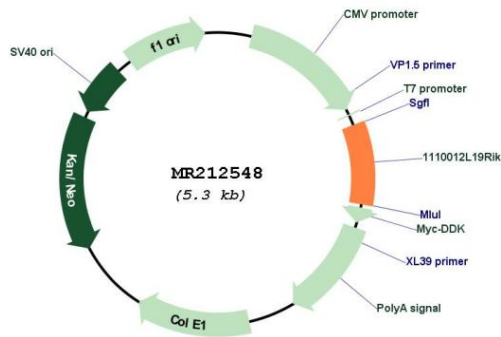
UniProt ID: [Q9D1F3](#)

Cytogenetics: X A7.2

MW: 18.5 kDa

Gene Summary: May play a role in cell protection during the inflammatory response. In epithelial cells, negatively regulates IL6 production and apoptosis through the regulation of MT2A expression. [UniProtKB/Swiss-Prot Function]

### Product images:



Circular map for MR212548