

## Product datasheet for **MR228278**

### 4930564C03Rik (NM\_029257) Mouse Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
Product Name: 4930564C03Rik (NM\_029257) Mouse Tagged ORF Clone  
Tag: Myc-DDK  
Symbol: 4930564C03Rik  
Mammalian Cell Selection: Neomycin  
Vector: pCMV6-Entry (PS100001)  
E. coli Selection: Kanamycin (25 ug/mL)  
ORF Nucleotide Sequence: >MR228278 representing NM\_029257  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAAGGGAGGCAAAACATTCCTGTTCTAGTACTGGAGAAAGAGGGGAAGGAGACTAAACGGCAAGCGCAGC  
CCACAGGCCGGGCCAGAGAGGGTGCAAACAGACTGTGTAGATGCTTCCCCAGTGAAGGGCTGCCAAGAAT  
TGTGCATGATGCCCCACAGCACAGACAAGACAGCAGGTAAAAAGAGGGGAACGGGTGCAATCAAAGAC  
CACCAGGAGCGCATGCTTCGAGGGAGGGAATCACAGAGCAAAGACTCAAAGAACAATCATGCAGAAAG  
ACCAGAGCCAGCTCCCTTCACTTGAGAAGCTCCATCGAGTGAAGAAAGAGATGAAGGACTGTGAAAGGGC  
CAATGCACACCCACTTCTGCAGCTACGCACTAAAAGTCTCATTAAAGTTGGAGAGTCTTTTGGAGAAGTCT  
CAGGCAGGAGATGAAGGGAAAACAGCTGTAAAGCCCAATCAAAGAAATGCTTGGCCCTGCCACCATTTT  
TGAGAAGTCATGTACGAAAAATCAAAGATCAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR228278 representing NM\_029257  
Red=Cloning site Green=Tags(s)

MKGGKHSCSVLEKEGKETKRQAQPTGRAREGANRLCRFPSEGLPRIVHDAPTAQTRQQVKKRERVQIKD  
HQERMLRGRELTEQRLKEQLMQKDQSQLPSLEKLHRVKKEMKDCERANAPLLQLRTKSLIKLESLLKS  
QAGDEGKTAVKPNQKKCLALPPFLRSHVRKIKDQ

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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## Cloning Scheme:



ACCN: NM\_029257

ORF Size: 522 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

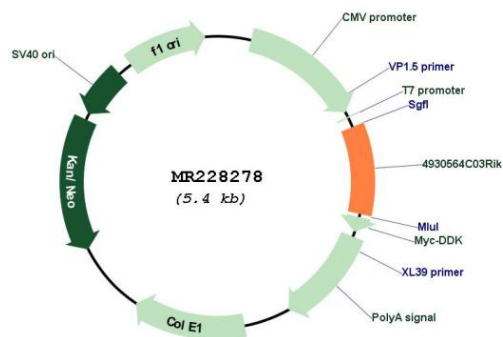
RefSeq: [NM\\_029257.1](#), [NP\\_083533.1](#)

RefSeq Size: 1182 bp

RefSeq ORF: 525 bp

Locus ID: 75341  
 Cytogenetics: 17 B3  
 MW: 20.5 kDa

### Product images:



Circular map for MR228278