

## Product datasheet for MR212750

### 1700071K01Rik (NM\_001033765) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	1700071K01Rik (NM_001033765) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	1700071K01Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR212750 representing NM_001033765 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCTGCCAAAGTGTGGAGTCCATCGGAAAGTTCGGCTTGGCTCTAGCAGTTGCAGGAGGCGTGGTGA  
GCTCTGCTTTATATAACGTGGATGCTGGGCACAGAGCTGTCATCTTTGACCGATTCCATGGAGTACAGGA  
CATTGTGGTAGGGGAAGGGACTCACTTTCTCATCCCTTGGGTACAGAAACCAGTTATATTTGACTGTGCG  
TCTCAACCACGGAATATACCAGTCATCACTGGTAGCAAAGATTTGCAGAACGTC AACATCACACTGCGTA  
TCCTTTCCGGCCGTAGCCAGCCAGCTTCTCATATCTACACCAACATTGGCCAGGACTATGATGAGCG  
GGTGTGCTGCCATCTATCACCTCAGAGATCCTCAAGTCGGTGGTGGCTCGCTTCGATGCTGGAGAATTGATT  
ACCCAGCGAGAACTGGTCTCCAGGCAGGTGAGCGATGACCTCACAGAGCGAGCAGCCACATTTGGGCTCA  
TCCTAGATGACGTGTCCCTGACACATCTGACCTTTGGGAAGGAGTTCACAGAGGCGGTGGAAGCCAAACA  
GGTGGCTCAGCAGGAAGCGGAGACAGCCAGATTTGTGGTGGAAAAGGCTGAGCAGCAGAAGGTGGCAGCC  
ATCATTCTGCTGAGGGGACGCTAAGGCGGCAGAGCTGATCGCCAACCTCGCTGGCCACAGCAGGCGATG  
GCCTGATCGAGCTGCGCAAGCTGGAGGCTGCTGAGGACATTGCGTACCAACTCTCCCGCTCTCAGAAATGT  
CACCTACCTGCCAGTGGGCAGACTGTGCCCTCAAGCTTCCC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR212750 representing NM\_001033765  
 Red=Cloning site Green=Tags(s)

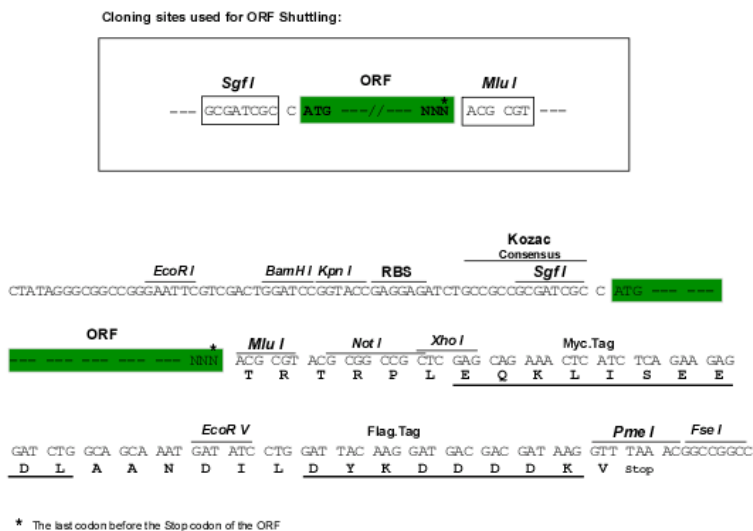
MAAKVFESIGKFGALAVAGGVSSALYNVDAGHRAVIFDRFHGVDIVVGEGETHFLIPWVQKPVIFDCR  
 SQPRNIPVITGSKDLQNVNITLRLIFRPVASQLPHIYTNIGQDYDERVLPSTSEILKSVVARFDAGELI  
 TQRELVSRQVSDDLTERAATFGLILDDVSLTHLTFGKEFTEAVEAKQVAQQEAETARFVVEKAEQKVA  
 IISAEGDAKAAELIANSLATAGDGLIELRKLEAAEDIAYQLSRSQNVTYLPVGTVPVPLKLP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mm9065\\_a12.zip](https://cdn.origene.com/chromatograms/mm9065_a12.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_001033765

**ORF Size:** 813 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\\_001033765.2](#), [NP\\_001028937.1](#)

**RefSeq Size:** 1038 bp

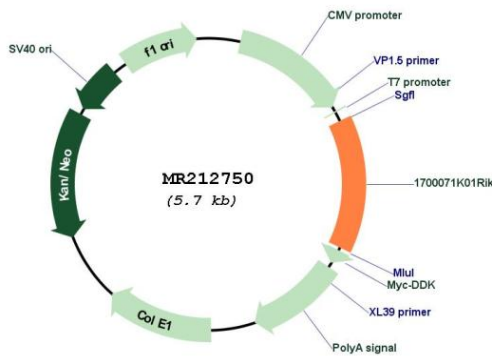
**RefSeq ORF:** 816 bp

**Locus ID:** 237880

**Cytogenetics:** 11 B5

**MW:** 29.5 kDa

**Product images:**



Circular map for MR212750