

Product datasheet for **MR214073**

1700011L22Rik (NM_026315) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: 1700011L22Rik (NM_026315) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: 1700011L22Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR214073 representing NM_026315
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACACACTTCTTGACTTGACTCCAGAAATCTGCTCCCTTTAGCCCTCTCACTTCTACAGAGTTCCG
AACTGATCAGACGCAAGGCCCAACAACCTGTGGCAGGATGAGACACGGTGGTCTGCTTCTCCATGACAAC
CTACTCAGGGAGTTACCGGGAAAAGCAACTGGACGAGGCCACCTGCAACCGGCTGGCCAGAGAGTAGGC
CAGCCCGAGTTTGGATACAAACCAACACCATTGCCAGGCAGCTCGCCTACAACACTCTACCCGGCCAGC
CTGGTTCCCAAGAGGCTGCAGATGGCAAAGGAAGACTCCCTGATATAGCAAGCCCTCCAGGGACAGCCC
ACTGAACATCAAGCACAAAGTGGCACATCAGATTTGGGGTTCTGAAGTCCCTTGTCCAACATTTCTAGCT
TACAGAGGTCTCCGTATGTCCCCCTGTATGCAGCCAAAAAGCCAGGCTTTGAGCTCCTCATGAGTTACA
GGAACAGAGGGAAGGCCCTGCTGAAACGGCTTCAGCGACAATGGGATTATGAAAGCAAGTTGGGCTCCTC
GGAGGACTCAGGGACGGATCGATTCTCCTCCAATACCAGTGGAAGCTCAGGGCGCAAATTC AAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR214073 representing NM_026315
 Red=Cloning site Green=Tags(s)

MTHFLYLTP EILLPFSPLTSTEFELIRRKAQQLWQDETRWSASSMTTYSGSYREKQLDEATCNRLAQRVG
QPQFEYKPTPLPGSSAYNTLPGHAGSQEAADGKGRLPDIASPSRDSP LNIKHKVAHQIWGSEVPCPTFLA
YRGLRMSPCMQPKKPGFELLMSYRNRGKALLKRLQRQWDYESKLGSEDSGTD RFSNTSGSSGRKFK

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9059_h02.zip



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Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_026315

ORF Size: 624 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_026315.1](#), [NP_080591.1](#)

RefSeq Size: 978 bp

RefSeq ORF: 627 bp

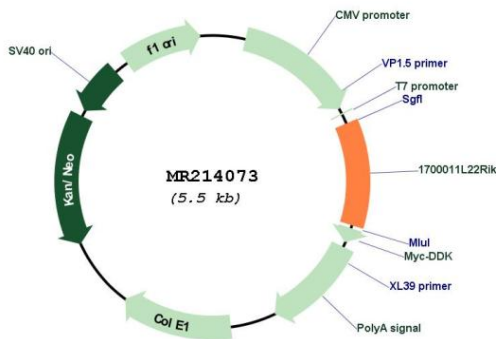
Locus ID: 67687

UniProt ID: [Q9DAF8](#)

Cytogenetics: 8 C1

MW: 23.5 kDa

Product images:



Circular map for MR214073