

Product datasheet for MR219722

1700031F05Rik (NM_028496) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: 1700031F05Rik (NM_028496) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: 1700031F05Rik
Synonyms: RP23-76A20.6
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR219722 representing NM_028496
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATGGCTGACGCCTTCAGTACTCCTATGAGTGCCCTGCAGTGTCCCCCAGTTTCAGCTGTCATGGATCAGC
 ACCTGTATCCCCTTGACCAGCCTGAAGACTGCTTCACACAGGTCCCAACAGGGAATCTTGCAAGTGCC
 TCTGATGTTGAGCTTGCCACACCAGTCATCAATATGCTCTGATTCCGGTGACTCTGAACCTTCAAATG
 ACCCTTCTTTTCATGGAATCCCAGCCAGCCATGACTATTCCCTGCCTGTTCCCTAATATGATCATGC
 AGCCAGTACCAGCACTGCCGCCCTGTCAAGCTGGCACAGGTCCTGGACTCCAACATCTCTCCAGCA
 CCTACCACTGCTAACCAGGTTCTGTCTGCTGGGCCAGAAACACGTTCAACCAGGTCCTGAAGTC
 TACACCCAGGGCCAGTCGTCTCCACCCAGGGCAGCTCATCTGCTGAGGAACACAGGCAGAAAGGTCATGG
 ATGCTGCCGAAGCTCTCCTGATTCTGCATAACTCCCGGGAGGCACTGCAAGAGACTAGCACCACCCAGG
 TCCTGATGGAGAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR219722 representing NM_028496
 Red=Cloning site Green=Tags(s)

MADAFSTPMSALQCPPSSAVMDQHL YPLDQPEDLLHTGPQQGILQVPLMLSLPTPVINMSCIPVTLNLQM
 TPSFSWNPSQPMTIPCLFPNMIMQPSTSTAAPVKLAQVLDSNISSQHPTTANQVPVIWAQNNTFNQVPEV
 YTQGPVVSTQGS SAEHRQKVM DAAEALLILHNSREALQETSTTPGPDGE

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

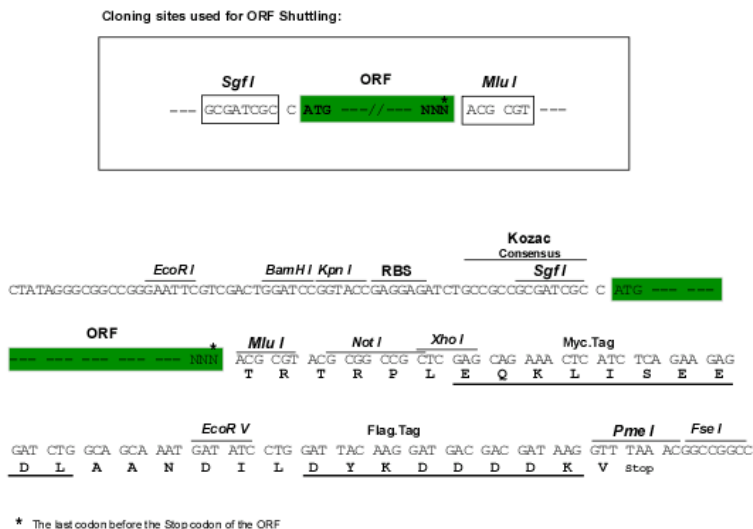


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Chromatograms: https://cdn.origene.com/chromatograms/mm9061_c01.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_028496

ORF Size: 573 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_028496.1](#), [NP_082772.1](#)

RefSeq Size: 1360 bp

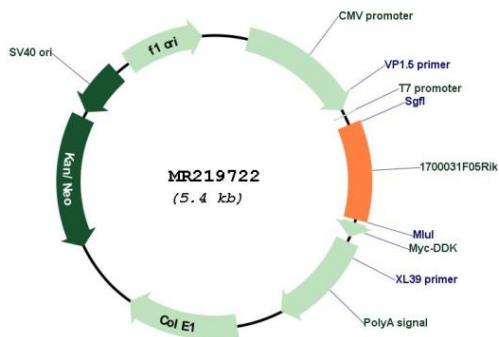
RefSeq ORF: 576 bp

Locus ID: 73300

Cytogenetics: X D

MW: 20.6 kDa

Product images:



Circular map for MR219722