

Product datasheet for **MR209695**

1700030K09Rik (NM_028170) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	1700030K09Rik (NM_028170) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	1700030K09Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide
Sequence:

>MR209695 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGCATCGCC

ATGGCTTCCACAAGAAGACCCTTTGGCCCTCCACGTAGTGGTTTTGACTTAAGGGATATGTTCTTAGATA
GCTCGAGGATGGAAGAGATCAGAAACTTACAAGCCCGAAGTCTTGGCCAAGTGACACCTGGGCAGAGCAG
AATCTTAAAGAGAAACAAACGATGGACGAGAAATATTTGATGCCCAAAGAGGAGCCATGGCAGGGAGG
GGGGTATTCTGGGCTTGGGCCTCCCACCATCTCCTCCAAGACCAGAGCCAGTGGGCCCTTAGGAAAC
TGGCCAGATTGAAACCAAGATCCTGAATCGGAAGCAGGTGCCCATGGCTTGGTCTGATGTGGAGTCTGA
CTCCACATCCATCGAGCAGAGTCTTCTAAGAGGACAGGTGCAGTCTGTCTTCTCCAGTACCCACAC
AGAACTTCCAGAAACAAGTGAACAAAACATGTGTGTCAAAGAGCGATGGGCCGAGTGGTAAACGGTAGCA
GGTTTCTGAAGAAGAAGGAGCTGCCCACTGAAGCGAGGTCCCAGGGCTGGCAGTGGGGACAGGGAAGCA
AGCTCTGTGCCACAAGAAAGAATCTGCCAGTGACGAGGAGGAGAAATGCTACTGCTTGAAGCTTG
ATGGAATCTTCTAGAGAAAAAGAAGCAAATAGAAACCAGGAGCTCCCTGGCTCCAGTGTCAGCAGGAGCA
ACCTTGAAAGGTGTTCTTGGATCCAATCCAGATCAGCCAGGAGTCTGTCTCTACTCAGTGTGACCA
GTCCAGCTTAAAGTCTCCTCGGCCATACAGTCGACTCGCGTTGGCTTGAGAACTCACTCCCAGCAGGCG
AGCAGTGTGGGACACAGTCTCCATGACAGCCTCACCTCCCATCCTTGATGACTTCTCAAATCAGCAT
CTTCAAAGATGGGATGCATCAAGCTGGCTTCTCCCCAGCAGGACGGAGTTGGAGTCTTCTGAGGAACC
AGTCTCAGAAGCTGTCTGACAGCCTCCATGATTTTAGAATTAATTTTGTGCGATTGATGATCTGGTT
CTGGCTGACGGAGACAAATCAGATGGGGACCAGAGAGGAAGACTGTGTAAAGGAAGGGATTTCAAGTCA
GAAGCTCCTCACCCACATCACCTACTCGACTGGAAGCGCAGATGTGGCCAAGACTTGTGTGTTTCAGGG
CGCAGCCACCGTGGTTGGGGATGAAGAGGACCTTACCACTGAGAGTGACGTCTCAGAGCCCCGGGGACC
AGCTCCTCAGCAGCTGTCCAGTCTCACAGTATGTCCAGGGCCCTCACTGCAAGCCAGCTTACTCAGAGG
ATTTTGAGCAGTCTCTGGTCCCTTGGCCTTGGAGGAGTCGCTTGACAGGACACTGGACACTTTGTCAA
GTTTTCTCCAGTGGTCAGACAGATATCGTTGCCAGACAACCTCTATCAAGGACAGAATGGGGCAGGGGT
GTGACCAGAGTTGTGAAGGAGACAGCTGTGCAGACTTGTCTGCTTGCCTTGGCTACCAGTGGAGCAAGG
CTGGTGGCATAGCAGCTGTTGGACCTGCCCTCGGAGGTGCTTATGTGGACCCAGCACCCATGCCAGTCA
CATTGTCAGCGCAGACGCCATAGAAGCCCTGACAGCCTACAGCCCGCAGTTCTGGCGTTGAATGACATG
CTAAAGCAACAAGTGAAGCCTGACGAGCAGTTCATCGAGGCCAGCCAGCAACTACATGGTTCTCTCCTGC
AGTCCCTGGATGGGACTCATTCTACTACCATACCTTGGAGGAAGCAAAAGAGTACATCAGGTGCCACAG
GCCTGCACCCCTGACCATGGAGGCTGCCCTGCAGGAGGTGAGGGAGGAGCTCCAAGTCCCAGCAAGTGAG
GCTTGCCTGGGTACCTGTCCACCTCGGAATCAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR209695 protein sequence
 Red=Cloning site Green=Tags(s)

MASTRPFGPPRSGFDLRDMFLDSSRMEEIRNLQARSLGQVTPGQSRILKRNQTMDEKYLMPKEEAMAGR
 GVILGLRPPTISSKTRASEALRKLAIETKILNRKQVPMASDVEDSDSTSEIQLPKRTGAASVSSQYPH
 RTFQKQVNKTCVSKSDGSPSGNGSRFLKKKELPTEARSPGLAVGTGKQALLPTKKESASDEEEMLLLGSL
 MESSREKEANRNQELPGSSVSRNLGKVFLDPTPDQPGVLSLLSVDQSSLKSPRPIQSTRVGLRTHSRQA
 SSAGDTVSMTASPPILDDFSKASASKMGCIKLASSPSRTELESSEEPVSEAAADSLHDFRINILSIDDLV
 LADGDKSDGDQREEDCVREGISVRSSSPTSPTRELAQMWPKTCVFQGAATVVGDEEDLTTESDVSEPPGT
 SSSAAVQSHMSRALTASPAYSEDFEQFSGPLALEESLDRTLDTLSKFSSSGQTDIVARQPLSRTEWGRG
 VTRVVKETAVQTLDPAFAYQWSKAGGIAAVGPALGGAYVDPAPIASHIVSADAIEALTAYSPAVLALNDM
 LKQQLSLTQQFIEASQQLHGSLQLSLDGDSEFHYHTLEEKEYIRCHRPAPLTMEALQEVREELQVPASE
 ACLGTCPPRNQ

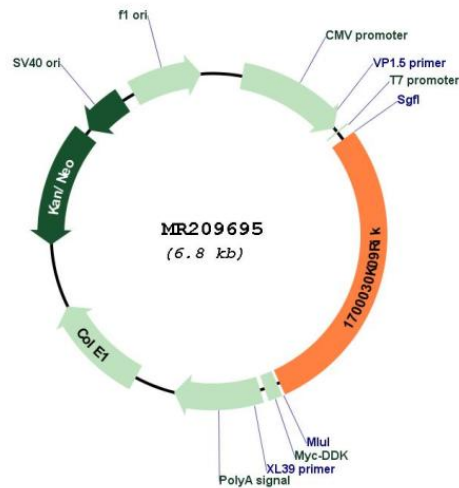
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:


ACCN: NM_028170

ORF Size: 1926 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_028170.1, NP_082446.1](#)
RefSeq Size: 2441 bp
RefSeq ORF: 1926 bp
Locus ID: 72254
UniProt ID: [Q922C1](#)
Cytogenetics: 8 B3.3
MW: 69.3 kDa