

Product datasheet for **MC219966**

1700030K09Rik (NM_028170) Mouse Untagged Clone

Product data:

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



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Fully Sequenced ORF: >MC219966 representing NM_028170
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCTTCCACAAGAAGACCCTTTGGCCCTCCACGTAGTGGTTTTGACTTAAGGGATATGTTCTTAGATA
GCTCGAGGATGGAAGAGATCAGAACTTACAAGCCCGAAGTCTTGGCCAAGTGACACCTGGGCAGAGCAG
AATCTTAAAGAGAAACCAACGATGGACGAGAAATATTTGATGCCCAAAGAGGAGCCATGGCAGGGAGG
GGGGTGTAGTCTGGGCTTGGGCCTCCCACCATCTCCTCCAAGACCAGAGCCAGTGGGCCCTTAGGAAAC
TGGCCAGATTGAAACCAAGATCCTGAATCGGAAGCAGGTGCCCATGGCTTGGTCTGATGTGGAGTCTGA
CTCCACATCCATCGAGCAGAGTCTTCTAAGAGGACAGGTGCAGTCTGTCTTCTCCAGTACCCACAC
AGAAGTTCCAGAAACAAGTGAACAAAACATGTGTGTCAAAGAGCGATGGGCCGAGTGGTAAACGGTAGCA
GGTTTCTGAAGAAGAAGGAGCTGCCCACTGAAGCGAGGTCCCAGGGCTGGCAGTGGGGACAGGGAAGCA
AGCTCTGTGCCACAAGAAAGAAATCTGCCAGTGACGAGGAGGAGAAATGCTACTGCTTAGAAGCTTG
ATGGAATCTTCTAGAGAAAAGAAGCAAATAGAAACCAGGAGCTCCCTGGCTCCAGTGTCAGCAGGAGCA
ACCTTGAAAGGTGTTCTTGGATCCAATCCAGATCAGCCAGGAGTCTGTCTCTACTCAGTGTGACCA
GTCCAGCTTAAAGTCTCCTCGGCCATACAGTCGACTCGCGTTGGCTTGAGAACTCACTCCCAGCAGGCG
AGCAGTGTGGGGACACAGTCTCCATCAGGCCTCACCTCCCATCCTTGATGACTTCTCAAATCAGCAT
CTTCAAAGATGGGATGCATCAAGCTGGCTTCTCCCCAGCAGGACGGAGTTGGAGTCTTCTGAGGAACC
AGTCTCAGAAGCTGTCTGACAGCCTCCATGATTTTGAATTAATTTTGTGATTGATGATCTGGTT
CTGGCTGACGGAGACAAATCAGATGGGGACCAGAGAGGAAGACTGTGTAAGGGGAAGGGATTTCACTCA
GAAGCTCTCACCCACATCACCTACTCGACTGGAAGCGCAGATGTGCCCAAGAATTGTGTCTTTCAGGG
CACAGCCACCGTGGTTGGGGATGGAGAGGTCTTACCCTGAGAGTGACGTCTCAGAGCCCCGGGGACC
AGCTCCTCAGCAGCTGTCCAGTCTCACAGTATGTCCAGGGCCCTCACTGCAAGCCAGCTTACTCAGAGG
ATTTTGAGCAGTCTCTGGTCCCTTGGCCTTGGAGGAGTCGCTTGACAGGACACTGGACACTTTGTCAA
GTTTTCTTCCAGTGGTCAGACAGATATCGTTGCCAGACAACCTCTATCAAGGACAGAATGGGGCAGGGGT
GTGACCAGAGTTGTGAAGGAGACAGCTGTGCAGACACTTGATCCTGCCTTGGCTACCAGTGGAGCAAGG
CTGGTGGCATAGCAGCTGTTGGACTGCCCTTGGAGGTGCTTATGTGGACCCAGCACCCATGCCAGTCA
CATTGTCAGCGCAGACGCCATAGAAGCCCTGACAGCCTACAGCCAGCAGTTCTGGCGTTGAATGACATG
CTAAAGCAACAAGTGAAGCCTGACGAGCAGTTCATCGAGGCCAGCCATCAACTACATGGTTCTCTCTGC
AGTCCCTGGATGGGACTCATTCTACTACCATACCTTGGAGGAAGCAAAAGAGTACATCAGATGCCACAG
GCCTGCACCCCTGACCATGGAGGCTGCCCTGCAGGAGGTGAGGGAGGAGCTCCAAGTCCCAGCAAGTGAG
GCTTGCCTGGGTACCTGTCCACCTCGGAATCAATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_028170

Insert Size: 1926 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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_028170.2](#), [NP_082446.2](#)

RefSeq Size: 2441 bp

RefSeq ORF: 1926 bp

Locus ID: 72254

UniProt ID: [Q922C1](#)

Cytogenetics: 8 B3.3