

Product datasheet for **MR215896**

0610009O20Rik (NM_024179) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	0610009O20Rik (NM_024179) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	0610009O20Rik
Synonyms:	2700004E22Rik; Dele; Kiaa0141
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>MR215896 representing NM_024179
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTGGCGCCTGACAGGGATCCTGGGGCAGCTCTCCCCGCTGCTGGGACCTGGCTTCCGTGGGATAA
 CGCCAAACCCACCAGTTCAGATGGGTCTCAGACAACCTCCCCTACCCTGCCGCTCACTAGGCTCAGCTT
 TGACAGATCAGGTTCCACGTTCAAAGAGGAGCAGGGACCCAAAGTGCTGTGGATGAAAGATGCCTTT
 CACTGGATGTCTGCTCATGTCTCCCAAACACACTGCGGGACGCCATCTCATGGGCACTCTGGCGGTGC
 TGGCCTTGACCTGGCGAGGAGATCCACTTCCACGCCCTCTGGTAGCAGGACCTCAGCCAGCTGAACG
 CTCTTGGCACAGTCCCCTGTACCGCTTCTCTCTCTTCTTCTGGTGGCACCCACACTCCTCACTTCGGAGG
 CATGTTCTTCCAGGTCTGACTGCCAGCTCCAGGAACACTGGCCTCAGGAACCAAGGCAGGGCCAGG
 AAGACCATCCCTCAGCTCCATCCAGTGCCTTCCCTCAGATAGCTCCCTGAGATCTGGACTTCTGAATCT
 GCCTGAAGAAGAGCCAGTGACTTTGACTTCTGCATGCTAGCCGAGACTTCGCATCCCAGGCAAAGGCA
 GCCGAGGCCACCCCTGGAGGAAAAATGAACAAGACAAGGCCAAGGCTTCTCCTCTGGAGGAGGCTG
 TGACTTCCATTACGAACTCTTTCAGCTCAGTGTAGCCATCACTTCAACTTCTGGGGACAGAGAACAT
 AAAGACGGGGACTACACGGCAGCCTTTTCTACTTCCAGAAAGCCGAGACCGTGGCTACAGCAAAGCA
 CAGTACAAATGTGGGCTTGTGTCTCGAGCATGGCAGAGGCCACCCAGGGACCTCAGCAAGGCTATCCTCT
 TTTACCATCTGGCTGCCGTCCAGGGCCACAGCCTGGCTCAGTACCCTATGCCAGGTGTCTGTTGCAAAG
 TCCAGGCTCTTTGTCAGACCTGAGCGAGAGAGGGCAGTCTCTGCTGAAGCAGGCTGCAGACTCTGGC
 TTGACAGAGGCCAAGCTTTCCTTGGGGTGTCTTTACTAAGGAACACACCTGGATGAACAGAGAGCAG
 TAAAATACCTCTGGCTGGCGGCCAGCAATGGGGATTCTCAGAGCAGATTCCAATTGGGAATTTGCTATGA
 GAAGGGCCTTGGTGCACAGAGGAATCTAGGAGAGGCCGTGAAGTGCTACCAGCAGGCAGCAGCTATGGGG
 AATGAACCCGCCGGGAGAGGCTTCGGACCCTTTAACGTGGAAGCAGCAGGGCCAGCCACCTGGCCA
 CGACAGGACTGAAGTCTTCTCCAGCCCCTCCCTCTGCAGCCTGAACACCCTGTTGGCTGGTGCCTCAGG
 CCTCCCTCATGCCTCAAGCACTGGGAACCTCGGCCTCCTCTGCAGAAGTGCCATCTCGGAGCCAGCCAT
 GGTGCCCCAGCAGGACTATACCATCCTTGAAAGGAGCCTCGTAAGACTAGGTTTCGGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR215896 representing NM_024179
 Red=Cloning site Green=Tags(s)

MWRLTGILGRALPRLGPGFRGITPKPTSSDGSQTTSPTLPLTRL SFDRSGSHGSKRSRDPKCCGWKDAF
 HWMSAHVSPNLRDAISWGTLAVLALHLARQIHFAPLVAGPQPAERSWHSPLYRFLSSSWHHPSSLRR
 HVLPRSDCPAPRNTGLREPRQGQEDHPSAPSQCLPSDSSLRSGLLNLP EEEPSDFDLHASRDFASQAKA
 AEAHPPGGKNEQDKAKALPLEEAVTSIQQLFQLSVAITFNFLGTENIKTGDYTAAFSYFQKAADRGYSKA
 QYNVGLCLEHGRGTPRDL SKAILFYHLAAVQGHSLAQYRYARCLLQSPGSLSDPERERAVSLLKQAADSG
 LTEAQAF LGVLF TKEPHLDEQRAVKYLWLAASNGDSQSRFHLGICYEKGLGAQRNLGEAVKCYQQAAMG
 NEPARERLRTLFNVEAAGPSHLATTGLKSFSPSLCSLNTLLAGASGLPHASSTGNLGLLCRSGLGASH
 GAPSRTIPSLERSLVRLGFG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

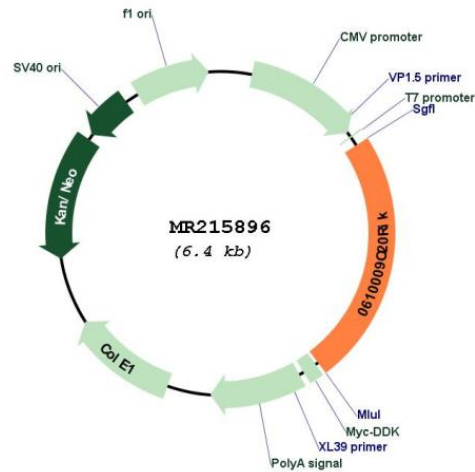
Cloning Scheme:

Cloning sites used for ORF Shutting:



* The last codon before the Stop codon of the ORF

Plasmid Map:



ACCN: NM_024179

ORF Size: 1530 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_024179.5](#), [NP_077141.2](#)

RefSeq Size: 2407 bp

RefSeq ORF: 1533 bp

Locus ID: 66839

UniProt ID: [Q9DCV6](#)

Cytogenetics: 18 B3

MW: 55.9 kDa

Gene Summary: Essential for the induction of death receptor-mediated apoptosis through the regulation of caspase activation.[UniProtKB/Swiss-Prot Function]