

Product datasheet for **MR204433**

0610009O20Rik (BC002117) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	0610009O20Rik (BC002117) 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
ORF Nucleotide Sequence:	>MR204433 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTGGCGCCTGACAGGGATCCTGGGGCGAGCTTTCCCGCCTGCTGGGACCTGGCTTCCGTGGGATAA
CGCCCAAACCCACCAGTTCAGATGGGTCTCAGACAACCTCCCCTACCCTGCCGCTCACTAGGCTCAGCTT
TGACAGATCAGGTTCCACGGTTCAAAGAGGAGCAGGGACCCAAAGTGCTGTGGATGGAAAGATGCCTTT
CACTGGATGTCTGCTCATGTCTCCCAAACACACTGCGGGACGCCATCTCATGGGGCACTCTGGCGGTGC
TGGCCTTGACACCTGGCGAGGCAGATCCACTTCCACGCCCTCTGGTAGCAGGACCTCAGCCAGCTGAACG
CTCTTGGCACAGTCCCCTGTACCGCTTCTCTCCTTCTCCTGGTGGCACCCACACTCCTCACTTCGGAGG
CATGTTCTTCCAGGCCTGACTGCCAGCTCCCAGGAACACTGGCCTCAGGGAACCAAGGCAGGGCCAGG
AAGACCATCCCTCAGTCCATCCCAGTGCCTTCCCTCAGATAGCTCCCTGAGATCTGGACTTCTGAATCT
GCCTGAAGAAGAGCCAGTGACTTTGACTTCTGCATGCTAGCCGAGACTTCGCATCCAGGCAAAGGCA
GCCGAGGCCACCCCTGGAGGAAAAATGAACAAGACAAGGCAAGGCTTCTCCTCTGGAGAGGCTG
TGACTTCCATTAGCAACTTTTCAGTCACTAGCCATCACTTTCAACTTCTGGGTACCTGTTTCT
GCCTCGAGGAAGGGGATGAGGATTGAAAAGGGTGGATGGATGCAGTCAGAGTAGAGAGTGGTTTAAAC
GAGAGATTTCTTCTTCTTGGGTAGGTAGACCAGATGTGGCATGGTGGTTCAGTGGGGTCAGGGACCCAT
CCTTGCTCATAAAGGTTAGCCAATC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR204433 protein sequence
 Red=Cloning site Green=Tags(s)

MWRLTGILGRALPRLGPGFRGITPKPTSSDGSQTTSPTLPLTRLSFDRSGSHGSKRSRDPKCCGWKDAF
 HWMSAHVSPNTRLDAISWGTLAVLALHLARQIHFHAPLVAGPQPAERSWHSPLYRFLSSSWHPHSSLRR
 HVLPRPDCPAPRNTGLREPRQGQEDHPSAPSQCLPSDSSLRSGLLNLPEEPPSDFDFLHASRDFASQAKA
 AEAHPPGGKNEQDKAKALPLEEAVTSIQQLFQLSVAITFNFLGTCFLPRGRGMRIEKGWDVAVRVESGLN
 ERFLFSWVGRPDVAWWFSGVRDPSLLIKVQPI

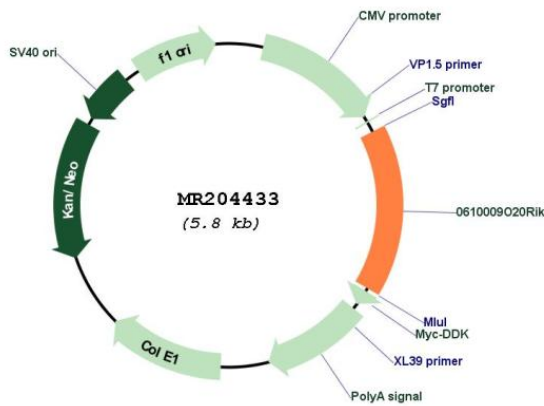
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: BC002117

ORF Size: 936 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:	<ol style="list-style-type: none">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:	BC002117 , AAH02117
RefSeq Size:	1862 bp
RefSeq ORF:	938 bp
Locus ID:	66839
Cytogenetics:	18 B3
MW:	34.7 kDa
Gene Summary:	Essential for the induction of death receptor-mediated apoptosis through the regulation of caspase activation.[UniProtKB/Swiss-Prot Function]