

## Product datasheet for **MG204433**

### 0610009O20Rik (BC002117) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	0610009O20Rik (BC002117) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	0610009O20Rik
Synonyms:	2700004E22Rik; Dele; Kiaa0141
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG204433 representing BC002117 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTGGCGCCTGACAGGGATCCTGGGGCGAGCTTCCCCGCCTGCTGGGACCTGGCTTCCGTGGGATAA  
CGCCAAACCCACCAGTTCAGATGGGTCTCAGACAACCTCCCCTACCCTGCCGCTCACTAGGCTCAGCTT  
TGACAGATCAGGTTCCACGGTTCAAAGAGGAGCAGGGACCCAAAGTGTGTGGATGAAAGATGCCTTT  
CACTGGATGTCTGCTCATGTCTCCCAAACACACTGCGGGACGCCATCTCATGGGCACTCTGGCGGTGC  
TGGCCTTGACCTGGCGAGGCAGATCCACTTCCACGCCCTCTGGTAGCAGGACCTCAGCCAGCTGAACG  
CTTTGGCACAGTCCCCTGTACCGCTTCCCTCTCCTTCTCCTGGTGGCACCCACACTCCTCACTTCGGAGG  
CATGTTCTTCCCAGGCCTGACTGCCAGCTCCCAGGAACACTGGCCTCAGGGAACCAAGGCAGGGCCAGG  
AAGACCATCCCTCAGCTCCATCCCAGTGCCTTCCCTCAGATAGCTCCCTGAGATCTGGACTTCTGAATCT  
GCCTGAAGAAGAGCCAGTGACTTTGACTTCTGCATGCTAGCCGAGACTTCGCATCCCAGGCAAAGGCA  
GCCGAGGCCACCCCTGGAGGAAAAATGAACAAGACAAGGCCAAGGCTTTCCTCTGGAGGAGGCTG  
TGACTTCCATTAGCAACTTTTCAGCTCAGTGTAGCCATCACTTTCACTTCTGGGTACCTGTTTCT  
GCCTCGAGGAAGGGGATGAGGATTGAAAAGGGTGGATGGATGCAGTCAGAGTAGAGAGTGGTTAAAC  
GAGAGATTTCTTCTTCTGGGTAGGTAGACCAGATGTGGCATGGTGGTTCAGTGGGTCAGGGACCCAT  
CCTTGCTCATAAAGGTTACCCAATC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

Protein Sequence: >MG204433 representing BC002117  
 Red=Cloning site Green=Tags(s)

MWRLTGILGRALPRLGPGFRGITPKPTSSDGSQTTSP TLP LTRLSFDRSGSHGSKRSRDPKCCGWKDAF  
 HWMSAHVSPN LRD A ISWGT L AVLALHLARQIHFHAPL VAGPQPAERSWHSPL YRFLSSSWHPHSSLRR  
 HVLPRPDCPAPRNTGLREPRQGQEDHPSAPSQC LPSDSSLRSGLLNLPEEESP DFDLHASRDFASQAKA  
 AEAHPPGGKNEQDKAKALPLEEAVTSIQQLFQLSVAITFNFLGT CFLPRGRGMRIEKGWDVAVRVESGLN  
 ERFLFSWVGRPDVAWWFSGVRDPSLLIKVQPI

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



Plasmid Map:



ACCN: BC002117

ORF Size: 938 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">BC002117</a> , <a href="#">AAH02117</a>
<b>RefSeq Size:</b>	1862 bp
<b>RefSeq ORF:</b>	938 bp
<b>Locus ID:</b>	66839
<b>Cytogenetics:</b>	18 B3
<b>Gene Summary:</b>	Essential for the induction of death receptor-mediated apoptosis through the regulation of caspase activation.[UniProtKB/Swiss-Prot Function]