

## Product datasheet for **MG204056**

### **A230083H22Rik (BC095978) Mouse Tagged ORF Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	A230083H22Rik (BC095978) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	A230083H22Rik
Synonyms:	6330414G02Rik; A230083H22Rik; A330102H22Rik; Bmcc1; mKIAA0367
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG204056 representing BC095978 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGATATCCACTTCGAGGAGGGAGTGCTGAGTCCCAGTGCCGCAGACATGAGGCCCGAACCTCCCAATT  
CTCTGGATCTCAATGGCAGTCACCCTAGAAGAATCAAGCTCACAGCCCCAAATATCAACCTCTCTGGA  
CCAAAGTGAAGGATCTATTCTCTGATGATAACCTAGACAGTCCGGATGAGATTGACATCAATGTGGAT  
GAACTCGATACCCCTGATGAAGCAGACTCTTTGAATACACTAACCATGAAGATCCACGGCCAACAAAA  
GCTCTGGTCAAGAGTCAGAGTCTATTCCAGAATATACGGCTGAAGAGGAGCGAGAAGACAACCGGCTGTG  
GAGGACGGTGGTCATCGGGGAGCAGGAGCAACGGATTGACATGAAGGTCAATTGAACCTACAGGAGAGTC  
ATTTCTCACGGAGATACTATGGGGACGGTCTGAATGCCATCATTGTGTTTGTCTGCTTCTTCCAG  
ACAGCAGCCGGGCGGATTACCACTATGTCATGGAAAACCTTTTCCTATATGTAATAAGTACCTTAGAGCT  
GATGGTTGTTGAAGACTACATGATCGTGTACTTAAATGGTGAACCCCAAGGCGGAAGATGCCAGGACTA  
GGTTGGATGAAGAAATGCTACCAGATGATTGACAGACGGTTGCGCAAGAATTTGAAGTCATTTCATTG  
TCCACCCATCTTGGTTCATCAGGACAATCCTAGCGGTGACTCGGCCTTTTATAAGCTCAAATTCAGCAG  
TAAATTAATATGTGACTAGTTTATCTGAGCTCAGTGGCCTGATCCCCATGGACTGCATCCACATTCCA  
GAGAGCATCATCAACATTGACATGAAGCTGAAGGAGAAGCCG

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >MG204056 representing BC095978  
 Red=Cloning site Green=Tags(s)

MDIHFEFVGLSPSAADMRPEPPNSLDLNGSHPRRIKLTAPNINLSLDQSEGSILSDNLDSPDEIDINVD  
 ELDTPEADSFYTNHEDPTANKSSGQSESIPEYTAEEEREDNRLWRTVVIGEQRIDMKVIEPYRRV  
 ISHGGYYGDGLNAIIVFAACFLPDSSRADYHYVMENLFLYVISTLELMVVEDYMIYVYLNATPRRKMPGL  
 GWMKKCYQMIDRRLRKNLKSFIIVHPSWFIRTI LAVTRPFIFSSKFSSKIKYVTSLSLSGLIPMDCIHIP  
 ESINI DMKLKEKP

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** BC095978

**ORF Size:** 884 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:** [BC095978](#), [AAH95978](#)

**RefSeq Size:** 4164 bp

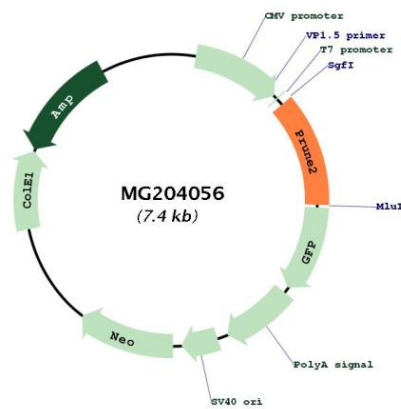
**RefSeq ORF:** 884 bp

**Locus ID:** 353211

**Cytogenetics:** 19 B

**Gene Summary:** May play an important role in regulating differentiation, survival and aggressiveness of the tumor cells.[UniProtKB/Swiss-Prot Function]

### Product images:



Circular map for MG204056