

Product datasheet for **MG203696**

9530077C05Rik (BC039998) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	9530077C05Rik (BC039998) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	9530077C05Rik
Synonyms:	1110003N12Rik; Kiaa0895; mKIAA0895
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG203696 representing BC039998 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGCTGACTTTACAAAATATGGAAGTTATGAAAAATTTGAACAAGCTACTGGTGGTAGCTTGTGT
CTAAACTCGAATCTGGAGTCATGTTAGAAAGTACATGGTGAAGGAAGGCTGCCTGGGAGAGATTGTAGT
TCATCTCACCAGAACCTGCTTTCCAGGGCATCCATGACGGTAGTAAACGGATGCCGACTCTAACCATC
AATATTTCTACTGCACGAGAGCACTGGCTGGAGGGCATGCTGAGGCACGAGATAGGCACACATTATTTTC
GGGGTATTAACAACCTTCAGCAACCGTGAACAGTTGGATTGGCCGAAAAAACATGAGCTAAAGCCCAA
CAACCCAACGGAGGAAGGCTGGCAAGCATCCACAGTGTCTGTTTCAGAAAAGACCCCTTCTGTGGAGG
GCCGCTCTCCTGTACTACACGGTGATAAAGCCAGCCACATGTCCTTCTGTGAACCTTCAAAGACATTG
GCAAGTTTGTCAAGGACCTAATACAAGATGGGACTATTGTGTAAGAGCCAAGAGAGGGTGGACTGACAC
TTCTGAGCCCGGGTGTTCAGTAAGGACCAGGTCTACTTGGATGGAGTCCTTCAAATCCTGCGATTGAGA
GAGTCCATAGACTTCCATCTGCTGACTGCCCTGGGCAAGGTATCTTACGAAGATGTGGATCGCTTAAAG
AATTGGCAGTTACTGAAAACATGCGAGTCCCACATTTCTTCATGATCACAGCCGGTACATGGAGCACTT
AGAGAGGATCATGGAGGTGAACGAGCTGACAGACGCTGAGCTGAAAAACCTCATC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG203696 representing BC039998
 Red=Cloning site Green=Tags(s)

MELTLQKYGSYEKFEQATGGSLLSKTRIWSHVRKYMVKEGCLGEIVVHLEDLLSRASMTVVNGCPTLTI
 NISTAREHWLEGMLRHEIGTHYFRGINNLQQPWSWIGRKKHELKPNNPTEGLASIHVLFKDPFLWR
 AALLYTVYKASHMSFCELFKDIGKFVKDPNTRWDYCVRAKRGWTDTSPEGCFSKDQVYLDGVLQILRFR
 ESIDFHLLTALGKVSIEDVDRLKELAVTENMRVPHFLHDHSRYMEHLERIMEVNELTDAELKNLI

TRTRPLE – GFP Tag – V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: BC039998

ORF Size: 825 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: BC039998.1

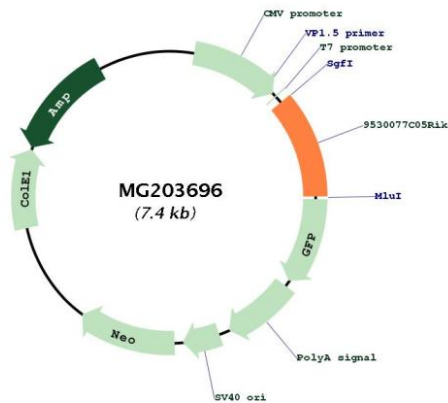
RefSeq Size: 1501 bp

RefSeq ORF: 827 bp

Locus ID: 68283

Cytogenetics: 9 A3

Product images:



Circular map for MG203696