

Product datasheet for **MG206333**

Trim59 (BC006700) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trim59 (BC006700) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Trim59
Synonyms:	Mrf1, TSBF1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG206333 representing BC006700 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCACAATTTTGAGGAGGAGTTAACGTGTCCCATCTGTTACAGCATCTTTGAAGATCCCCGTGTACTAC
CATGCTCTCATACTTTGTAGAACTGTTGGAAAATGTTCTTCAGGCATCTGGTAACTTTTACATATG
GAGGCTCTGCGAATCCACTCAAGTGTCTAACTGCAGAAGTATTATTGAAATTGCTTCTACTGGCATA
GAATCCTTACCTGTAACCTTTGCATTACGAGCAATTATTGAAAAGTACCAGCAAGAAGACCACCCAGATG
TTGTCACCTGCCCTGAACACTACAGGCAACCATTAAATGTTTATTGTCTACTAGATAAGAAATTAGTTTG
TGGCCATTGTCTTACTATAGGCCAACATCATGGCCATCCTATAGATGACCTTCAAAGTGCCTATCTGAAA
GAAAAGGATACACCTCAGAAAGTTGTTGAAACAGTTAACTGACACACATTGGACAGATATCACTCGCCTTA
TTGAAAAGCTTGAAGAACAGAAATGTCATTCTGAGAAAATAGTTCAAGGTGATAAGGAAGTTGTTCTCCA
GTATTTAAGGAGCTAACTGATACATTAGAACAGAAAAAAGTATTTTTGGCAGCTCTTTGTGATGTT
GGCAAAATGATTAATCAAGAATACACTCCACAGATTCAAGGAATGAAGGAGATAAGGGAACAACAATTG
AATTAATGACAATAACGACATCTTTACAAGATGAGTCTCCACTTAAATTTCTGGAAAAAATTGATGAAGT
CCGCCAACGTGTGCAGATGTTGAAACAGAGACCACTTCCCTGAGGTCCAGCCTGTTGAAATTTATCCCTGA
GTAAGCAATGTATTAAGAAGAGTGGAGCAGAATAGAAATTGGACGTATTAAGAAGCTGTTATTCCTG
AAATGAGAGTTTTCTTCAAAAAGAACGCCATGTTCTGGTCTGATAATGATGAAAAAGAAATGGAACCTTT
TAAAATTTTAAACATTGCTATAGTTTCACTCATTTCAGTGATACTAATGTTGATACTCCTTTTCAACCAT
CACATAATAACATTCTTAAATGAAATCACTTCAATATGTTTCTCTGAAGTCTTTCTCTGTTTACCAGA
GTTTATCTAAGAACTTATGACTTAAACAATACAGTGTGTACTTTTATTTGTTAAAGGAATTTAT
GTGAAAATAGTTTCTCGT

ACGGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG206333 representing BC006700
 Red=Cloning site Green=Tags(s)

MHNFEELTCPICYCIFEDPRVLPCHSHTFCRNCLENVLQASGNFYIWRPLRIPLKPCNCRSIIIEIASTGI
 ESLPVNFALRAIIIEKYQQEDHPDVVTCPEHYRQPLNVYCLLDKKLVCGHCLTIGQHHGHPIDDLQSAYLK
 EKDTPQKLLKQLTDTHWTDITRLIEKLEEQKCHSEKIVQGDKEVVLQYFKELTDLEQKKYFLAALCDV
 GKMINQEYTPQIQGMKEIREQQLELMTITTSLQDESPLKFEKIDEVRQRVQMLKQRPLPEVQPVEIYPR
 VSNVLKEEWSRIEIGRIKKAVIPEMRVSSKRTPCSWSDNDEKEMELFKILNIAIVSLISVILMLILLFNH
 HIITFLNEITSICFSEVFLSVYQSLSKNLYDLNNTVCYTYLLKEFMWKIVSR

TRTRPLE - GFP Tag - V

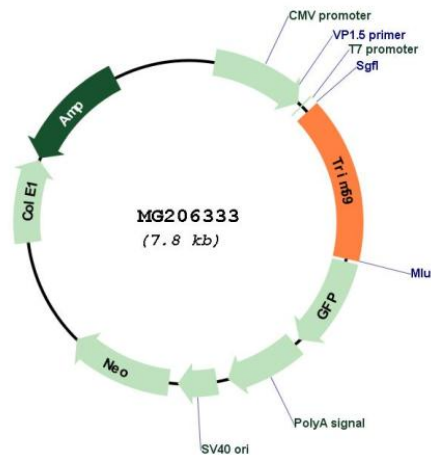
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

BC006700

ORF Size:	1211 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:	BC006700 , AAH06700
RefSeq Size:	2858 bp
RefSeq ORF:	1211 bp
Locus ID:	66949
Cytogenetics:	3 E1
Gene Summary:	May serve as a multifunctional regulator for innate immune signaling pathways. [UniProtKB/Swiss-Prot Function]