

Product datasheet for **MG221289**

Mageb18 (NM_173783) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mageb18 (NM_173783) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Mageb18
Synonyms: B430216B18Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG221289 representing NM_173783
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCCGTGGCCAGAAAAGCAAACCTCCGTGCCGTGAGAAGCGCCGCCAGGCCGTGCTAAAAATGCAC
AGGAGAAAGAAGCCTCTCCAGGTCCTTTCTATGGGTGTCCACATCAGGCTAGTCTGTGCCAGTATGCC
TACATCTCCCAACATGCCAATGGGAGAGCAGTCTACCTTTTCACACTCATATAACAAGTACAAGTACCAA
AACCTAGATGAGAAAAGTTCAGATGACTCTGAGGACACTGAGGACTGGTGTAAAGATCCTATTAACCACA
AAGTAGTTTTACTGGTGCAGTTCCTGATGGAGAAGTATCAAAGAAAGAGGTTATTACTAAGGCAGATAT
GCTGAAGTATGTTATCAAACATCTAAAACCACTTCAATGAGATCCTAAAGAGAGCCTCAGAGCACATG
GAACTGGCATTGGTATTGATCTGAAGGAAGTTGATCCAAACAGGCACTGCTATGCCCTTTTAATAAAC
TAGAACATACTTTTGATGGAGTATGGGTGAAGAAAAATGCCAGTAGTGGCCTCCTAATGATTGTGCT
GGGTGTGATATTCATGAATGATAACTGTGTCTCTGAAACTGAGATCTGGAATGTGCTGAGTATGATGGGT
GTATATGCTAATAGAAAACACTTCATCTATGGAGATCCTAAGAAGGTCACTCACTGAAGATATGGTGCAGC
TAAAGTACTTGGAGTACCAACAAGTGCCCAACAGCAATCCTCCATCCTTTGAATTCACGTGGGGTCCAAG
AGCCTGTGCTGAAATCAGCAAGATGAAAATCTTGGAGTTTTGGCCAAGATCCATGATACTACACCAGAT
TCCTTCCCAACCTTGATGAAGCAGCTCTGAAAGATGAAGAAGAGAGAGCCCAAGCCAGGGCTGTAGCCA
GGGCTCACACTGCTGCAATGGCCAGTCCATATTCAGAGCCACGGTGTGCAGCTCCTCCATACTAATAT
C

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

Protein Sequence: >MG221289 representing NM_173783
 Red=Cloning site Green=Tags(s)

MPRGQSKLRAREKRRQARAKNAQEKEASPGPFYGCPHQASPVASMP TSPNMPMGEQSTFSHSYTSTSDQ
 NLDEKSSDDSEDTEDWCKDPINHKVLLVQFLMEKYQKKEVITKADMLKYVIKTSKNHFNEILKRASEHM
 ELAFGIDLKEVDPNRHCYALFNKLEHTFDGVMGEEKMPSSGLLMIVLGVI FMNDNCVSETEIWNVLSMMG
 VYANRKHFIYGDPKKVI TEDMVQLKYLEYQQV PNSNPPSF EFTWGP RACAEISKMKILEFWAKIHD TTPD
 SFPTLYEAALKDEEERAQARAVARAHTAAMASPYSRATVCSSSHTNI

TRTRPLE - GFP Tag - V

Restriction Sites:

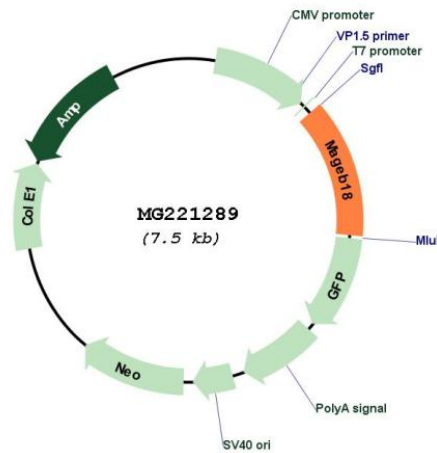
Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



Plasmid Map:



ACCN: NM_173783

ORF Size: 981 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:	NM_173783.3 , NP_776144.1
RefSeq Size:	2160 bp
RefSeq ORF:	984 bp
Locus ID:	215641
UniProt ID:	Q8BQR7
Cytogenetics:	X C2- C3
Gene Summary:	May enhance ubiquitin ligase activity of RING-type zinc finger-containing E3 ubiquitin-protein ligases. Proposed to act through recruitment and/or stabilization of the Ubl-conjugating enzyme (E2) at the E3:substrate complex.[UniProtKB/Swiss-Prot Function]