

Product datasheet for **MG206964**

Eef1g (BC083071) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Eef1g (BC083071) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Eef1g
Synonyms:	2610301D06Rik; AA407312; EF1G
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG206964 representing BC083071 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGCTGGCACCTGTACACATACCCTGAAAATTGGAGGGCCTTCAAGGCCCTCATCGCTGCTCAGT
ACAGCGGGGCTCAGGTCGCGTGTCTCCGCACCACCCCACTTCCACTTTGGCCAAACCAACCGCACCCC
TGAATTTCTCCGAAAATTTCTGCCGGCAAGTTCCAGCATTTGAGGGTGATGATGGATTCTGTGTGTTT
GAGAGCAATGCCATTGCCTATTATGTAAGCAATGAGGAGCTGCGAGGAAGTACGCCAGAGCGGCAGCTC
AGGTGGTGCAGTGGTCACTTTGCTGACAGTGACATCGTTCCTCCAGCTAGTACCTGGGTGTTCCCCAC
CTTGGGCATTATGCACCACAACAACAGGCCACTGAAAATGCGAAAGAGGAGGTGAAGCGAATCCTGGGG
CTGCTGGACACTCACTTGAAGACTCGAACTTTTCTAGTGGCGAGCGAGTGACACTGGCTGATATTACAG
TTGTCTGTACCCTGTTGTGGCTCTATAACAGGTCTTAGAGCCTTCTTTTCGCCAGGCCCTCCCCAATAC
CAACCGGTGGTTCCTTACCTGCATTAACCAGCCCCAGTTCAGGGCTATCTTGGGGGAGGTGAAGCTGTGT
GAGAAGATGGCTCAGTTTGATGCTAAGAAGTTGCAGAGAGCCAGCCTAAAAAGATACCCCAAGGAAAG
AAAAGGGTTCACGAGAGGAGAAACAGAAACCCAGGCTGAGCGGAAGGAGGAAAAAAGGCAGCTGCCCC
AGCTCCTGAGGAAGAGATGGATGAGTGTGAGCAGGCATTGGCTGCTGAGCCCAAGGCCAAGGACCCCTTC
GCTCACCTGCCAAGAGTACCTTTGTGTTGATGAGTTTAAGCGTAAGTACTCCAATGAGGACACCCCTCT
CTGTGGCACTGCCATATTTTGGGAGCACTTTGATAAAGATGGCTGGTCCCTGTGGTATGCCGAGTACCG
CTTCCCTGAAGAGCTGACCCAGACCTTCATGAGTTGCAACCTCATCACTGGGATGTTTCAGCGATTGGAC
AAACTGAGGAAGAATGCCTTTGCTAGTGTATCCTCTTTTGAACCAACAACAGCAGCTCCATTTCTGGTG
TTTGGGTCTTCGAGGCCAAGAGCTTGCCTTTCCGCTGAGTCCAGATTGGCAGGTGGACTATGAGTCGTA
TACATGGCGAAACTGGATCCTGGGAGCGAGGAAACCCAGACCCTGGTTCGAGAGTACTTTTCTGGGAG
GGGACCTCCAGCATGTGGGCAAGCCGTCATCAAGGCAAGATCTTCAAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG206964 representing BC083071
 Red=Cloning site Green=Tags(s)

MAAGTLYTYPENWRAFKALIAAQYSGAQVRVLSAPPHFHFGQTNRTPEFLRKFPAGKVPAPFEGDDGFCVF
 ESNAIAYYVSNEELRGSTPEAAAQVQVWSFADSDIVPPASTWVFPTLGIMHHNKQATENAKEEVKRILG
 LLDTHLKRTRFLVGERVTLADITVVCTLLWLKQVLEPSFRQAFPNTRWFLTCINQPQFRAILGEVKLC
 EKMAQFDAKKFAESQPKDTPRKEKGSREEKQKPKQAERKEEKKAAAPAPEEEMDECEQALAAEPKAKDPF
 AHLPKSTFVLDEFKRYSNEDTLSVALPYFWEHFDKDGWSLWYAEYRFPPEELTQTFMSCNLITGMFQRLD
 KLRKNAFASVILFGTNNSSSISGVWVFRGQELAFPLSPDWQVDYESYTWKLDPGSEETQTLVREYFSWE
 GTFQHVKGAVNQKIFK

TRTRPLE - GFP Tag - V

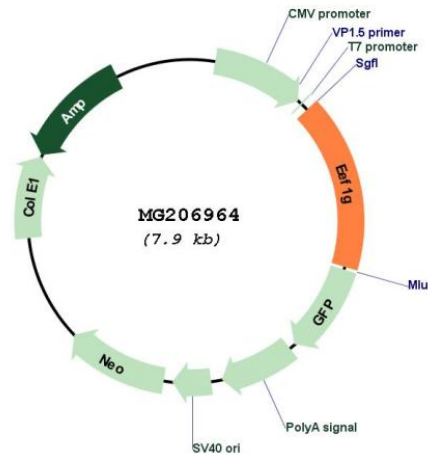
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

BC083071

ORF Size:	1313 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:	BC083071 , AAH83071
RefSeq Size:	1460 bp
RefSeq ORF:	1313 bp
Locus ID:	67160
Cytogenetics:	19 A
Gene Summary:	Probably plays a role in anchoring the complex to other cellular components. [UniProtKB/Swiss-Prot Function]