

Product datasheet for **MG212482**

Fam69b (NM_019833) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fam69b (NM_019833) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Fam69b
Synonyms: AB030186; AW209000; B230317C12Rik; PIP49
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG212482 representing NM_019833
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATCGCGCGGCTGCGGGCCTTGGTGCACCTAGTGCTCCTCTGCCCTTCTCCAAGGGCCTGCAGGGCCGGC
 TCCAGGCCTCAGGGTCAAGTATGTCTTGCTGGTCTGGCTGGGCATCTTCGTGGGCGAGCTGGATGGTCTA
 CGTGCCTACTCGTCTATTCAGAGCTCTGCCGTGGGCACGTCTGCCAGGTGGTATCTGCGACCACTAC
 CGGAAGGGCATCATCTCCGGCTGTCTGCCAGGACCTGTGTGAGCTGCAAAAGGTGGAGTGGAGGACCT
 GTCTGTCTCAGCCCCAGGCCAGCAGGTGTACAGTGGGCTCTGGCAAGACAAAGAGGTGACCATCAAATG
 TGGCATTGAGGAGCGCTGAACCTCAAGGCTTGGCCAGATGCAGCCCCGAGGCGGGAGCTGGTGTCTTT
 GACAAGCCACCAGGGGAACCTCCATCAAGGAGTTCGGGAGATGACCCTCAGCTTCTCAAGGCTAACT
 TAGGAGACCTGCCTTCCCTGCCAGCGCTGGTTGACCAGATACTTCTCATGGCGGACTTCAACAAGGATAG
 CAGGGTGTCCCTGGCAGAAGCCAAGTCCGTGTGGGCCCTGCTGCAGCGCAATGAGTTCCTGCTGTTGCTG
 TCCCTTCAGGAGAAGGAGCATGCGTCCCGGCTGCTGGGCTACTGCGGGGACCTCTATCTTACTGAGGGCA
 TCCCTCATGGTTCCTGGCATGGGGCAGTGTGCTGCCTGCCTTGCGCCACTTCTACCATCTGTGCTGCA
 CAGGGCTCTCCAGCAGTGGTTTGGACCTGCATGGCCCTGGCGTGCAGGAGTGCAGGAGTACCGTGGCTCG
 TTTGTGGAGGAGCTTCCATGGTTCCTATGGTACCTTACATGTGTGAGACTACACTTGCCAATGTGG
 GGTACACAGTACCTACGACTTCAAGATGGCTGACCTGCAGCAGGTGGCACCAGAGGCTACCGTGGCTCG
 CTTCTTCAGGGTCGCCACTGTGAGCAAAGCTCTGACTGCATCTATGGGCGAGATTGCAGGGCCCCATGT
 GACAGGCTCATGAGGAGTGAAGGGTACCTCATCCAGCCCAACCTGGCCAAGGTGTGCGAGCTGCTAA
 GGGACTATCTGCTGCCTGGAGCTCCTGCAGGCCTCTACGAGGAGCTGGGCAAACAGCTGCGCACCTGCAC
 CACGCTGAGTGGACTGGCCAGCCAGATTGAGGCTCACCATTCACTGGTGTAGCCACCTTAAGACCTTA
 CTCTGGAGGGAGATCTCCAACCAACTACTCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online >](#)

Protein Sequence: >MG212482 representing NM_019833
 Red=Cloning site Green=Tags(s)

MRRLRRLVHLVLLCPFSKGLQGRLPGLRVKYVLLVWLGI FVGSWMVYVHYSSYSEL CRGHVCQVVICDQY
 RKGIIISGSVCQDLCELQKVEWRTCLSSAPGQQVYSGLWQDKEVTIKCGIEEALNSKAWPDAAPREL VLF
 DKPTRGTSIKEFREMTLSFLKANLGDLPSPALVDQILLMADF NKDSRVS LAEAKSVWALLQRNEFLLLL
 SLQEKEHASRLLGYCGDLYL TEGIPHG SWHGAVLLPALRPLLPSVLHRALQQWFGPAWPWRAKIAIGLLE
 FVEELFHGSYGFYMCETTLANVGYTATYDFK MADLQQVAPEATVRRFLQGRHCEQSSDCIYGRDCRAPC
 DRLMRQCKGDLIQPNLAKVCELLRDYLLPGAPAGLYEELGKQLRTCTT LSGLASQIEAHSLVLSHLKTL
 LWREISNTNYS

TRTRPLE - GFP Tag - V

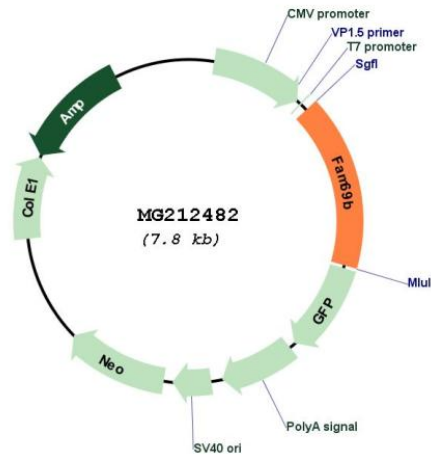
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_019833

ORF Size:	1293 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_019833.3 , NP_062807.2
RefSeq Size:	1636 bp
RefSeq ORF:	1296 bp
Locus ID:	56279
UniProt ID:	Q99ML4
Cytogenetics:	2 A3