

Product datasheet for **MR230493**

Fam234a (NM_001206335) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam234a (NM_001206335) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fam234a
Synonyms:	Itfg3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR230493 representing NM_001206335
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGATGGACAACAAGGACTTAGAAGCTGAAATACACCCCTGAAGAATGAGGACAAGAAATCACAGGAAA
 ACCCAGGAAACCTACCAAGAAACGAAGATAACTTGAAGAGCAAGCCTGTGCCTTCCCGCTTGTCCCGGTG
 CCGCACAGTGGCATTTCCTTTCCCTGTTACCTGCCTCTTCGTGGTGTGGTCTGTCTTTCATCATC
 CCATGTCCAGACCGTCCCTCCTCACAGGCACGTGGAAGCTTGACTACAACAATGCAGTCATGTACGACT
 TCCTGGCTCTGGGAGACATAAACAGGACAAGGTTCAGGACGTTCTTTTCTTTACAAAAATACCAACAG
 CAGTAACAATCTCACCAGATCCTGTGCTGATGAAGGCTTTTCCACTCCTTGTGCCTTTGTGGTTGCGGTG
 TCAGGAGCCAATGGCAGCGTCTCTGGGAGAGACCCGTGGCCCAAGATGTCGCCCTGTAAAGTGTGCCA
 TGCCACAGACACTGGACAGTGACGAGGTGCTTCTGCCTGTATCGTTGTGGGAAGAGCTGGTTCTTTCGT
 TGCGGTACGCTTTTTACAGGAGAAACCCTGTGGAGCCATCCAGCAGCTTTAGTGGGAAGCTTTCCATC
 CTGAGCCCTCTGCTCCAGGTGCCTGACATTGATGGTGATGGTGACGGTACTCCAGACCTCCTGATCCTCG
 CCCAGGAGGGACAGGAGGTCACTGGAGCTCTATTACAGGTAGCACTGGGTACCAGATTGCCACAGAGG
 CAGCCTTGGTGTGGATGGAGATGGTGTCCGCTCCTTCATGTGACCAGAACTGGTGTCTAGTATATTCTC
 CTGCCCTGTGCAAGTGCCTCTGTGGCTTCTCTGTGAAGAGTCTCTATGAGAGAATTACTGGGCGAGATG
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 TAGACAGATCCTACTTCTGGACCTCAGTACTGGTCTATCCTGTGGAGCCAGCCCTCCCAAGCCTGCCT
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 CCAAGCCGCCATGCTGCCTATGTGCTCTGACGGGCCAGCAAGCTCAGATGTGCTGGCCTGGTCTCTG
 TCACCAAACACAAAGTGAAGACCTTGTCCAGGCAGTAGAGTATCCACTTGGGTGAAGGCAGCTCAGA
 CAGCGACCAGGCTATCCGGGACCGTTCTCCCGACTACGGTACCGGAGTGAGATG

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Protein Sequence:

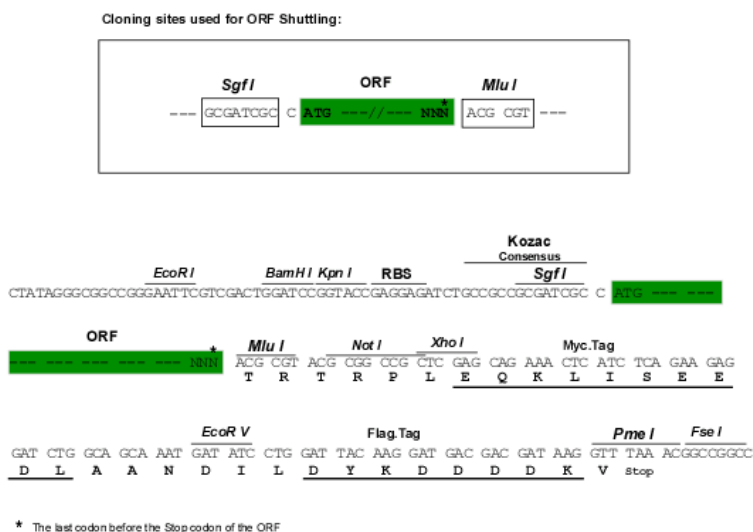
>MR230493 representing NM_001206335
 Red=Cloning site Green=Tags(s)

MMDNKDLEAEIHPLKNEKKSQENPGNLPNEDNLKSKPVPSRLSRCRTVAFFLSLFTCLFVVFVLSFII
 PCPDRPSSQGTWKL DYNNAVMYDFLALGDINKDKVQDVLFLYKNTNSSNNLTRSCADEGFSTPCAFVVAV
 SGANGSVLWERPVAQDVALVKCAMPQTLDSDEVSSACIVVGRAGSFVAVSFFTGETLWSHPSSFSGNVSI
 LSPLLQVPDIDGDGDGTPDLLILAQEQEVSGALYSGSTGYQIGHRGS LGVDGDGVALLVHVRTGAQYIL
 LPCASALCGFSVKSLYERITGRDGHFKEDPYWENMLNHSVHRRLLHRLGAVRYLMNIPGKAGDLLLLVTS
 EACVLLDGQDLEPRWTLGEVQVLRKPI LGHYKPD TLAVVIENGT SIDRQILLLDLSTGSILWSQPLPSLP
 GGPPSTSLMTADHRSAFFWGLHDLVSTNEMDPPDVQHSLYMFHPTLPGILLELANVSANIVAFDAVLL
 PSRHAAYVLLTGPASSDVPGLVSVTKHKVQDLVPGSRVIHLGEGSSDSQAIRDRFSRLRYRSEM

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_001206335

ORF Size: 1665 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.

RefSeq: [NM_001206335.1](#), [NP_001193264.1](#)

RefSeq Size: 2863 bp

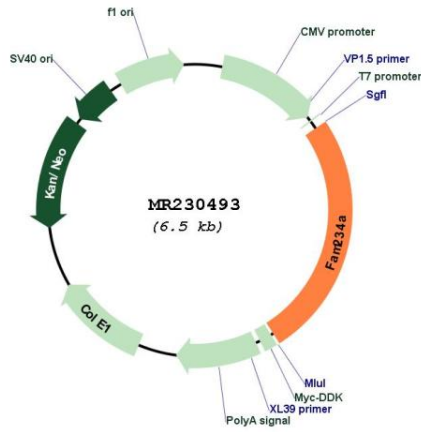
RefSeq ORF: 1668 bp

Locus ID: 106581

UniProt ID: [Q8C0Z1](#)

Cytogenetics: 17 A3.3
 MW: 60.6 kDa

Product images:



Circular map for MR230493