

Product datasheet for **RG237254**

FAM110A (NM_001289145) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM110A (NM_001289145) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	FAM110A
Synonyms:	bA371L19.3; C20orf55; F10
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG237254 representing NM_001289145. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCCTGTGCACACGCTGAGCCCCGGAGCCCCGTCCGCCCGCCCTACCTTGCCGCTGCGGACCAGG
GTCCCTGGCTACCTGCTACGGGGCCGGCAGATGGTGGAGCCCGAAACCGAGCGCTGTGGAGCGCCTG
GAGGCCGACAAGGCCAAGTACGTCAAGAGCCTGCACGTGGCCAACACCCGCCAGGAGCCTGTGCAGCCC
CTGCTGTCCAACAGCCGCTCTTAGCCCTGAGACTCGCCGCACAGTGCTCAGCCCAGCCGCCGAGCC
CTGCTGGCCCCTGCCGACGGCCCCAGCTGGACCTGGACATCCTCAGCAGCCTCATCGACTTGTGTGAC
AGCCCCGTGTCCCCTGCCGAGGCCAGCCGACTCCTGGACGGCCGAGGGAGCCGCCGCTCCTCCCCCA
GCCACCCCTCCGCGACCCGCCAGTACCTCTGCGGTCCGCCGGGTGGACGTCCGCCCCCTGCCCGCC
TCGCTGCCCGCCCTGCCATACCCGGCCCTGCCGCCCTCCAGCCAGCCGGCCGCCGGTTTG
CAACGCTCCAAGTCGGACTTGAGCGAGCGCTTTTCTAGGGCAGCCGCTGATCTCGAGCGCTTTTTAAC
TTCTGCGGCTGGACCCGGAGGAGGCGAGAGGGTTGGGTGTGGCCACCTGGCACGGCCAGCTCGGAT
ATCGTGTCCCTGGCAGGGCCAGTGCTGGGCCGGGCGAGCTCTGAAGGGGGCTGCTCCGCCCGAGCTCG
GTGACTGTTGAGGAGCGGGCCCGGAGCGGTTCCCTATGGCGTGTGGTGGTGGAGCGCAATGCCCGC
GTGATCAAGTGGTTGTATGGCTAAGGCAGGCTCGGGAGAGCCACGAGCTGAAGGC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
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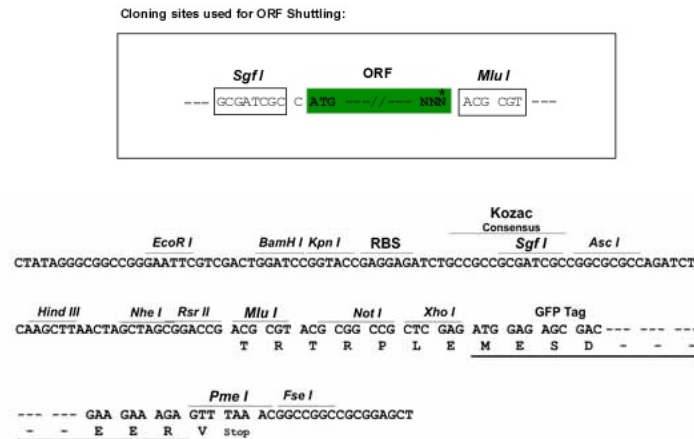
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Protein Sequence: >Peptide sequence encoded by RG237254
 Blue=ORF Red=Cloning site Green=Tag(s)

MPVHTLSPGAPSAPALPCRLRTRVPGYLLRGPADGGARKPSAVERLEADKAKYVKSLHVANTRQEPVQP
 LLSKQPLFSPETRRTVLTPSRRALPGCRRPQLDLIDLSSLIDLCDSPVSPAEASRTPGRAEGAGRPPP
 ATPRRPPSTSAVRRVDVRPLPASPAPCPSPGPAAASSPARPPGLQRSKSDLSERF SRAAADLERFFN
 FCGLDPEEARGLV AHLARASSDIVSLAGPSAGPGSSEGGCSRRSSVTVEERARERVPYGVSVVERNAR
 VIKWLYGLRQARESPAEG
 TRTRPLEMSDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMKSTKGALTFSPYLLSHV
 MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPEP
 SVIFTDKIIRSNATVEHLHPMGDNDLDGSRTRTFLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001289145

ORF Size: 885 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).

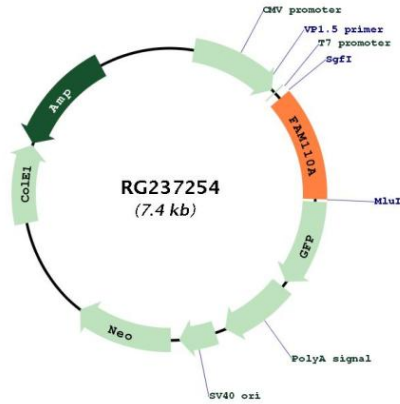
RefSeq: [NM_001289145.2](#)

RefSeq Size: 1936 bp

RefSeq ORF: 888 bp

Locus ID: 83541
 UniProt ID: [Q9BQ89](#)
 Cytogenetics: 20p13
 MW: 31.7 kDa

Product images:



Circular map for RG237254