

Product datasheet for **RC237254**

FAM110A (NM_001289145) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM110A (NM_001289145) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	FAM110A
Synonyms:	bA371L19.3; C20orf55; F10
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RC237254 representing NM_001289145 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCCTGTGCACACGCTGAGCCCCGGAGCCCCGTCCGCCCCGCCCTACCTTGCCGCTGCGGACCAGGG
TCCCTGGCTACCTGCTACGGGGCCGGCAGATGGTGGAGCCCGAAACCGAGCGCTGTGGAGCGCTGGA
GGCCGACAAGCCAAGTACGTCAAGAGCCTGCAGTGGCCAACACCCGCCAGGAGCTGTGCAGCCCTG
CTGTCCAAACAGCCGCTCTTAGCCCTGAGACTCGCCGCACAGTCTCACGCCAGCCGCCGAGCCCTGC
CTGGCCCCCTGCCGACGGCCCCAGCTGGACCTGGACATCCTCAGCAGCCTCATCGACTTGTGTGACAGCCC
CGTGTCCCTGCCGAGGCCAGCCGCACTCCTGGACGGGCCGAGGGAGCCGGCCGTCTCCCCAGCCACC
CCTCCGCGACCGCCGCCAGTACCTCTGCGGTCCGCCGGTGGACGTCCGCCCCCTGCCCGCTCGCCTG
CCCGGCCCTGCCATCACCCGGCCCTGCCGCCCTCCAGCCAGCCGGCCGCCGGTTTGCAACGCTC
CAAGTCGGACTTGAGCGAGCGCTTTTCTAGGGCAGCCGCTGATCTCGAGCGCTTTTTTAACCTCTGCGGC
CTGGACCCGGAGGAGGCGAGAGGTTGGGTGTGGCCACCTGGCACGGGCCAGCTCGGATATCGTGTCCC
TGGCAGGGCCAGTGTGGCCGGGCAGCTCTGAAGGGGGTCTCCCGCCGAGCTCGGTGACTGTTGA
GGAGCGGCCCGGAGCGGTTCCCTATGGCGTGTCCGGTGGAGCGCAATGCCCGCTGATCAAGTGG
TTGATGGGCTAAGGCAGGCTCGGGAGAGCCAGCAGCTGAAGGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC237254 representing NM_001289145
 Red=Cloning site Green=Tags(s)

MPVHTLSPGAPSAPALPCRLRTRVPGYLLRGPADGGARKPSAVERLEADKAKYVKSLHVANTRQEPVQPL
 LSKQPLFSPETRRTVLTPSRRALPGPCRRPQLDLIDLSSLIDLCDSPVSPAESRTPGRAEGAGRPPPAT
 PPRPPPSTSAVRRVDVRPLPASPAPPCSPGPAASSPARPPGLQRSKSDLSERF SRAAADLERFFNFCG
 LDPEEARGLGVAHLARASSDIVSLAGPSAGPGSSEGGCSRRSSVTVEERARERVPYGVSVVERNARVIKW
 LYGLRQARESPAPEG

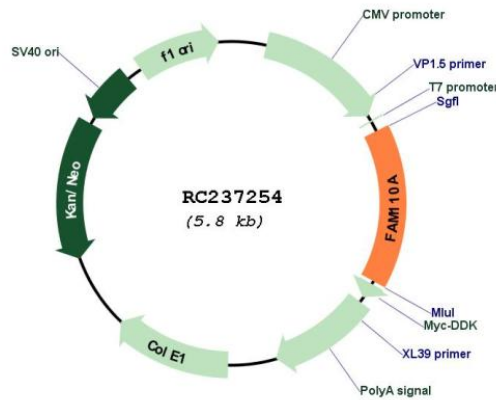
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



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).
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_001289145.2
RefSeq Size:	1936 bp
RefSeq ORF:	888 bp
Locus ID:	83541
UniProt ID:	Q9BQ89
Cytogenetics:	20p13
MW:	31.7 kDa