

Product datasheet for **RC232150**

FAM156A (NM_001242493) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM156A (NM_001242493) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	FAM156A
Synonyms:	PRO0659; TMEM29
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC232150 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGATCCACTCCAGAAACGGAATCCAGCATCGCCTTCCAAATCTTCCCGATGACAGCTGCAGAGACTT
CCCAGGAAGTCCAGCGCCCTCTCAGCCTTCGTAAGCAGCCGATGATGGGCTCAGTAACCTGAG
CCCCGGTCTGGCCAGCCAGGCCGTCCTCTCCAGAGGGGCTGCTCCGCCAGCGGTACAGAGAGGAG
AAGACCCTGGAAGAGCGCGGTGGGAGAGGCTGGAGTTCTTCCAGAGGAAGAAAGCATTCTCGGCGATG
TGAGGAGGAGACACCGCATCACATGGCCCTATGCTGTTGGGAGGGAAGCCAGAATCTCCCCATTAGG
TGACAGAAGTCAGAATCGATTCCGATGTGAATGTCGATACTGCCAGAGCCACAGGCCGAATCTTTCTGGG
ATCCCTGGGAGAGTAACAGGGCCACATCCCTCCTCCTGGGAGACGCTGGTGCAGGGCCTCAGTGGCT
TGACTCTCAGCCTAGGCACCAACAGCCCGGCCCTCTGCCTGAAGCGGCACTCCAGCCACAGGAGACAGA
GGAGAAGCGCCAGCGAGAGAGGCCAGCAGGAGAGCAAAATAATGTTTCAGAGGCTGCTCAAGCAGTGGTTA
GAGGAAAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC232150 protein sequence
Red=Cloning site Green=Tags(s)

MDPLQKRNPASPSKSSPMTAAETSQEGPAPSQPSYSEQPMGLSNLSPGPGPSQAVPLPEGLLRQRYREE
 KTLEERRWERLEFLQRKKAFLRHVRRRRHRDHMAPYAVGREARISPLGDRSQNRFRCCECRYCQSHRPNLSG
 IPGESNRAPHSPSWETLVQGLSGLTSLSLGTNQPGPLPEAALQPQETEEKRQERQEQESKIMFQRLKQWL
 EEN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/ja1431_g01.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001242493

ORF Size: 639 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_001242493.2](#)

RefSeq Size: 1839 bp

RefSeq ORF: 642 bp

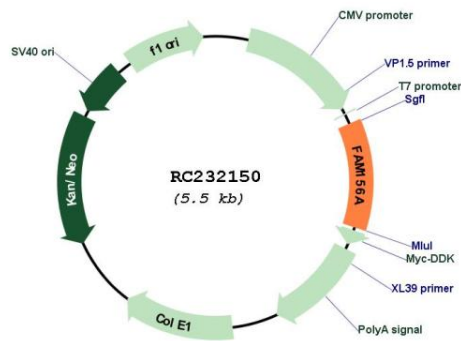
Locus ID: 29057

UniProt ID: [Q8NDB6](#)

Cytogenetics: Xp11.22

MW: 24.4 kDa

Product images:



Circular map for RC232150