

Product datasheet for **RG226795**

FAM76A (NM_001143915) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: FAM76A (NM_001143915) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: FAM76A
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG226795 representing NM_001143915
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGGCGCTCTACGCCTGCACCAAGTGCCACCAGCGCTTCCCCTTCGAGGCGCTGTCTCAGGGGCAGC
 AGCTGTGCAAGGAATGTCGGATTGCACACCCTGTTGTGAAGTGCACCTACTGCAGGACTGAGTACCAGCA
 GGAGAGTAAAACCAATACAATATGCAAGAAATGTGCTCAGAACGTGCAGTTGTATGGAACGGTAGATGGG
 AAATTGCTGTGCTGGCTGTGCACACTTTCATACAAACGGGTCCTTCAGAAGACCAAGAGCAGAGGAAAC
 ACCTGAGTAGCTCTTCTCGTGTGGCCACCAGGAGAAGGAGCAGTATAGTCGCCTGAGTGGTGGGCCA
 TTATAACAGCTTCTCCCAGACCTGGCTCTGGACTCACCAGGCACTGACCACTTTGTCTCATCATTGCCCAA
 CTGAAGGAAGAAGTGGCTACCCTGAAGAAGATGTTGCATCAAAAGGATCAAATGATTTTAGAGAAAGAGA
 AGAAGATTACAGAGTTGAAGGCTGATTTTCAGTACCAGGAATCGCAGATGAGAGCCAAAATGAACCAGAT
 GGAGAAAACCCACAAAGAAGTCACAGAACAACGCAGGCCAAAAACCGAGAGCTCCTGAAGCAGGCAGCT
 GCTTTGTCCAAGAGCAAGAAGTCAGAGAAGTCAGGAGCTATAACCTCTCCA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG226795 representing NM_001143915
 Red=Cloning site Green=Tags(s)

MAALYACTKCHQRFPEALSQGQQLCKECRIHPVVKCTYCRTEYQQESKTNICKKCAQNVQLYGTVDG
 KLLCWLCTLSYKRVLQKTKERKHLSSSRAGHQEQYSRLSGGGHYNSFSPDLALDSPGTDHFVIAQ
 LKEEVATLKKMLHQKDQMILEKEKKITELKADFQYQESQMRAMNQMEKTHKEVTEQLQAKNRELLKQAA
 ALSKSKKSEKSGAITS

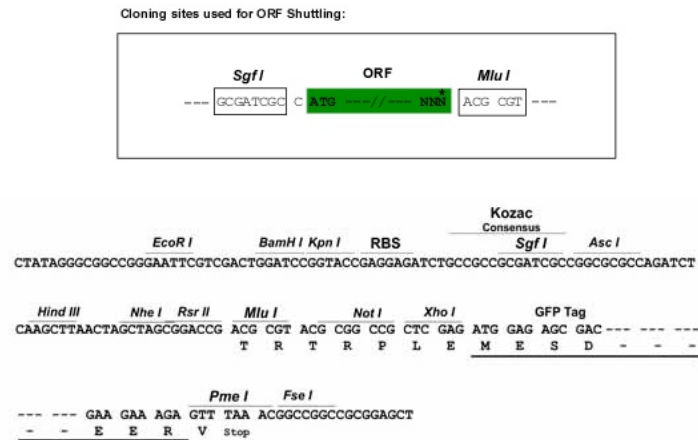
TRTRPLE - GFP Tag - V



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Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001143915

ORF Size: 681 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_001143915.2](#)

RefSeq Size: 3120 bp

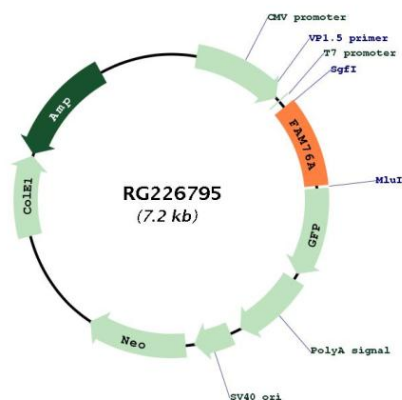
RefSeq ORF: 684 bp

Locus ID: 199870

UniProt ID: [Q8TAV0](#)

Cytogenetics: 1p35.3

Product images:



Circular map for RG226795