

Product datasheet for **RG215119**

FAM120AOS (NM_198841) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: FAM120AOS (NM_198841) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: FAM120AOS
Synonyms: C9orf10OS
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG215119 representing NM_198841
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGAAAACTAAGGATATTGGGGATGATGACACTGTCGCCTCCGAATTCTGGTCCGGGGCTCTCTCC
 AGCCCTCAAGTGTCCCCACGCGGCCGCGGACCCCGAACAGGGACAGCTGGAGACGGGCTTGGGCAGCGCG
 CGGCCTGCACCCGCGCCATCCATCTTGCAGCCCGCCCGCCAGGCTATCCCGGCAAGGGCTGGGGGA
 ACTCGTGCCCCAGCGCCGACGCGCCGGCGGACATTCTGCGCCCTGGGAAGGGGGATAGGGGTGCGGC
 GCGGCCCGGTCCCCGGCCCGCCGGATCCCCGGCCTCACCTTGACGTGGAAGCGGATGAGCGCCAGGCG
 GATGCAGTGGGCCATGCAGACGGGCGGCAGGAACAGACCTTTGGCGGCGGGGTGCCCTTGTCTGGACA
 TGGCTGACGATCTGCTGTGCCGTCTGGCGCTCGTTGCCCTGCCGCTTGACCCACTCGTGCAGCCGGGCT
 TCTCGAGCGCGCGTTGAAGAAGACGAAGAGCTCGATGTTGCCGCCAAGCAGGCCTTGGCCAGCGCCCG
 CAGAACTCTGTAGAGGAGCAGGATGCAACCGACAGGCTGTGGCCGGACAGCTGCTGCCAGCAGCATGG
 AGCCTGCACGCGCAGGTTTGGCCAAAGAAGCCCCATACTCCCGGTGAAAAAGATTTCCAGAAGCTGTT
 CTGTCAATAACAAAGTCTCAAAGAAAACCACAAAACCAACACTAAGATCATTCTTGAGTCCAATT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG215119 representing NM_198841
 Red=Cloning site Green=Tags(s)

MGKTKDIGDDTVASEFWSGALSQPSSVPTRPRTPNRDSWRRAWAARGLHPRPSILQPGPARLSRARAGG
 TRCPQRRHGRATFCALGRGIGVRRGPGPRPARIPGLTLTWKRMSARRMQWAMQTGGRNQTFGGGVPLFWT
 WLTICCAVWRSRPCRLTHSCSRAFSSAPLKTKTKSSMLPPKQALASAAARNLCRGAGCNQAVAGQLLPSTW
 SLHAHGLAKEAPILPVKKISRSCSVNNKVSKKTKPPTLRSFSLPI

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



ACCN: NM_198841

ORF Size: 768 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_198841.4](#)

RefSeq Size: 2779 bp

RefSeq ORF: 771 bp

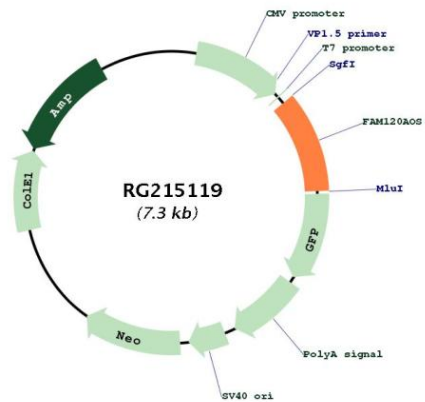
Locus ID: 158293

UniProt ID: [Q5T036](#)

Cytogenetics: 9q22.31

Gene Summary: Differences in the expression level of this gene are associated with the survival rate of those with glioma. [provided by RefSeq, May 2017]

Product images:



Circular map for RG215119