

Product datasheet for **RG208747**

MFAP1 (NM_005926) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MFAP1 (NM_005926) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	MFAP1
Synonyms:	AMP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG208747 representing NM_005926 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGTCGGTCCCAAGCGCTCTCATGAAGCAACCGCCATTCACTCTACGGCTGGGGCGTCCCAGTTCGCA
 ATGAGAAAGGTGAGATTTCAATGGAAAAAGTGAAGGTAAGCGTTATGTGTCCGAAAAAGGCCAGACTA
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 GTGAAGATGTGGAAGAGAGATTGGCTCGACATCGAAAAATAGTGAACCTGAAGTGGTAGGAGAGAGTGA
 CTCAGAAGTAGAAGGAGATGCTTGGCGCATGGAACGAGAAGACAGCAGTGAAGAAGAGGAGGAGGAAATT
 GATGATGAGGAAATAGAGCGCGCGCTGGCATGATGCGTCAGCGAGCACAGGAGAGAAAAATGAAGAGA
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 ACAGTTCAAGAACGTGAAGCCGAAGCATTGAAACAGAAGGAGCTGGAGCAGGAAGCAAACGCATGGCTG
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 AGATAACCACTCCTTTGACTCAGCTTGGGGCCAAGAGAGTGCCCGAAGACAAAGTTCTTCAACAAAAG
 GCAGCTGGGGTACGAGATGTATTTGAGCGGCCATCTGCCAAGAAGCGGAAAACCTACC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG208747 representing NM_005926
 Red=Cloning site Green=Tags(s)

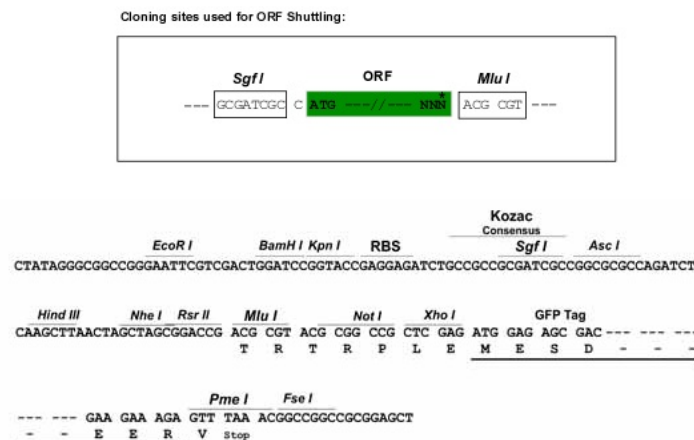
MSVPSALMKQPPIQSTAGAVPVRNEKGEISMEKVKVKRYVSGKRPDYAPMESSDEEDEFQFIKKAKEQE
 AEPEEQEEDSSDPRLRLQNRISEDVEERLARHRKIVEPEVVGESDSEVEGDAWRMEREDSSEEEEEII
 DDEEIERRRGMMRQRAQERKNEEMVMEVEDEGRSGEESESESEYEEYTDSEDEMEPRLKPVFIRKKDRV
 TVQERAEALKQKELEQEAQRMAEERRKYTLKIVEEETKKELEENKRSALDALNTDDENDEEEYEAWK
 VRELKRIKRDREDREALEKEKAEIERMRNLTEERRAELRANGKVITNKAVKGKYLQKYHARGAFFMD
 EDEEVYKRDFSAPTLDFHNKTLIPKVMQVKNFGRSGRTKYTHLVDQDTTSFDSA WGQESAQNTKFFKQK
 AAGVRDVFERPSAKKRKTT

TRTRPLE – GFP Tag – V

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_005926

ORF Size: 1317 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_005926.3](#)

RefSeq Size: 2063 bp

RefSeq ORF: 1320 bp

Locus ID: 4236

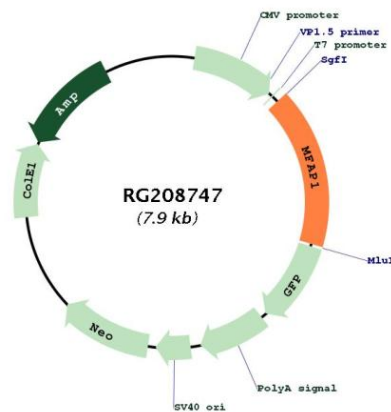
UniProt ID: [P55081](#)

Cytogenetics: 15q15.3

Protein Families: Secreted Protein

Gene Summary: Involved in pre-mRNA splicing as a component of the spliceosome.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG208747