

Product datasheet for **RC209739**

MFAP3L (NM_001009554) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: MFAP3L (NM_001009554) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: MFAP3L
Synonyms: NYD-sp9
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RC209739 representing NM_001009554
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCACGACAGCGCCTCCTGAACATCACCAAGGTATCCTTCTCAGACCGAGGTAATACACGTGTGTGG
CTTCTAACATCTACGGCACCGTGAACAACACGGTGACCTTGCAGCATCTTCACTTCTGGAGACATGGG
TGTCTACTACATGGTCGTGTGCCTGGTGGCCTTACCATCGTCATGGTCCTCAATATCACCCGCCTGTGC
ATGATGAGCAGCCATCTAAAGAAGACTGAGAAGGCCATCAATGAGTTCTTTAGGACCGAAGGTGCAGAGA
AGCTGCAGAAGGCATTTGAGATCGCAAGCGCATCCCCATCATCACCTCCGCCAAAACCTCTAGAGCTTGC
CAAAGTCAACCCAGTTCAAACCATGGAGTTCGCCCGCTACATCGAAGAGCTTGCCAGGAGCGTGCCTCTG
CCGCTCTCATTATGAACTGCAGGACTATCATGGAGGAGATTATGGAGGTGGTTGGGCTGGAGGAGCAGG
GGCAGAATTTTGTGAGGCATACTCCAGAGGGCCAGGAGGCCGAGACAGGGATGAGGTCTACACAATCCC
CAACTCTCTGAAGCGGAGCGACTCCCCTGCCGCTGACTCGGACGCCTCATCGCTGCACGACCAACCTCAG
CAAATTGCCATCAAGGTGTCAGTTCACCCGCAGTCCAAAAAGAGCATGCAGATGACCAAGAGGGTGGAC
AGTTTGAAGTCAAAGATGTAGAGGAGACAGAAGTGTGGCGGAACATCCCCGAAACTGCAGAACCTTC
TACCGATGTACGTCCACCGAGCTAACATCTGAAGAGCCAACACCTGTTGAGGTACCAGATAAGGTACTG
CCGCCAGCTTACCTGGAAGCCACAGAGCCAGCAGTGCACATGACAAAAACCTGCATTATTTACGAAA
GCCATGTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC209739 representing NM_001009554
 Red=Cloning site Green=Tags(s)

MHDSGLLNITKVSFSDRGKYTCVASNIYGTVNNTVTLRVIFTSGDMGVVYMMVCLVAFTIYVMLNITRLC
 MMSSHLKKTEKAINFEFRTEGAELQKAFEIAKRIPPIITSAKTLELAKVTQFKTMEFARYIEELARSVPL
 PPLIMNCRTIMEEIMEVVGLEEQGNFVRHTPEGQEAADRDEVYTI PNSLKRSDSPAADSDASSLHEQPQ
 QIAIKVSVHPQSKKEHADDQEGGFVVKDVEETELSAEHPETAEPSTDVTSTELTSEPTPVEVPDKVL
 PPAYLEATEPAVTHDKNTCIIYESHV

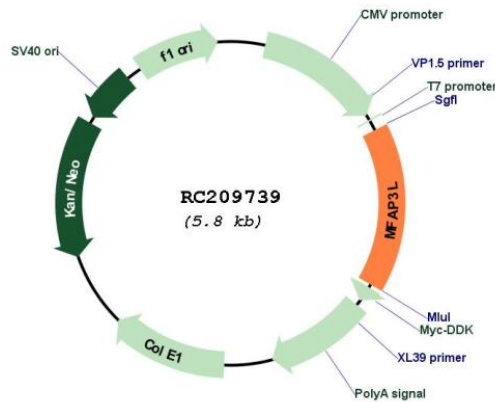
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001009554

ORF Size: 918 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_001009554.4
RefSeq Size:	5842 bp
RefSeq ORF:	921 bp
Locus ID:	9848
UniProt ID:	O75121
Cytogenetics:	4q33
Protein Families:	Transmembrane
MW:	34.1 kDa
Gene Summary:	May participate in the nuclear signaling of EGFR and MAPK1/ERK2. May have a role in metastasis.[UniProtKB/Swiss-Prot Function]