

Product datasheet for SC304951

MFAP3L (NM_021647) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MFAP3L (NM_021647) Human Untagged Clone
Tag:	Tag Free
Symbol:	MFAP3L
Synonyms:	NYD-sp9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC304951 representing NM_021647. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**
 ATGGATCGATTGAAGAGCCATCTGACTGTGTGCTTTCTACCTTCTGTGCCCTTTTAACTCTAGTATCC
 ACTCTAGCCACCGCTAAGAGTGTGACTAACAGCACTTTAAATGGCACTAACGTGGTCTTGGGCTCTGTG
 CCCGTAATCATTGCCAGAACTGACCATATCATAGTCAAGGAAGGAACAGTGCCTTGATTAAGTGTAGT
 GTTTATGGCATCCCTGACCCACAGTTCAAGTGGTATAATTCCATTGGCAAGCTGCTGAAAGAAGAAGAG
 GATGAGAAGGAGAGAGGAGGAGGAAAAATGGCAATGCACGACAGCGGCCTCCTGAACATCACCAAGGTA
 TCCTTCTCAGACCGAGGTAAATACACGTGTGTGGCTTCTAACATCTACGGCACCGTGAACAACACGGTG
 ACCTTGCGCGTCATCTTCACTTCTGGAGACATGGGTGTCTACTACATGGTCGTGTGCCTGGTGGCCTTC
 ACCATCGTCATGGTCCTCAATATCACCCGCTGTGCATGATGAGCAGCCATCTAAAGAAGACTGAGAAG
 GCCATCAATGAGTTCTTTAGGACCGAAGGTGCAGAGAAGCTGCAGAAGGCATTTGAGATCGCCAAGCGC
 ATCCCCATCATCACCTCCGCCAAAACCTAGAGCTTGCCAAAGTCACCCAGTTCAAACCATGGAGTTC
 GCCCGCTACATCGAAGAGCTTGCCAGGAGCGTGCCTCTGCCGCCCTCTATTATGAAGTGCAGGACTATC
 ATGGAGGAGATTATGGAGGTGGTTGGGCTGGAGGAGCAGGGGCAGAAATTTGTGAGGCATACTCCAGAG
 GGCCAGGAGGCCGAGACAGGGATGAGGTCTACACAATCCCCAACTCTCTGAAGCGGAGCGACTCCCT
 GCCGCTGACTCGGACGCCTCATCGCTGCAGGCAACCTCAGCAAATTGCCATCAAGGTGTCAGTTTAC
 CCGCAGTCCAAAAAAGAGCATGCAGATGACCAAGAGGGTGGACAGTTTGAAGTCAAAGATGTAGAGGAG
 ACAGAAGTGTGCGCGGAACATTTCCCCGAACTGCAGAACCTTCTACCGATGTCAGTCCACCGAGCTA
 ACATCTGAAGAGCCAACCTGTTGAGGTACCAGATAAGGTACTGCCGCCAGTTACCTGGAAGCCACA
 GAGCCAGCAGTGACACATGACAAAAACCTGCATTATTTACGAAAGCCATGCT**TAA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC

Restriction Sites: SgfI-MluI


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ACCN:	NM_021647
Insert Size:	1230 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_021647.7</u>
RefSeq Size:	6356 bp
RefSeq ORF:	1230 bp
Locus ID:	9848
UniProt ID:	<u>Q75121</u>
Cytogenetics:	4q33
Protein Families:	Transmembrane
MW:	45.4 kDa
Gene Summary:	May participate in the nuclear signaling of EGFR and MAPK1/ERK2. May have a role in metastasis.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (1).