

Product datasheet for **RC231122**

MFAP4 (NM_001198695) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MFAP4 (NM_001198695) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	MFAP4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC231122 representing NM_001198695 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGGAACTGAGCCCACTCCAGAGGCCCTGGCCACAGAGGGCACTATGAAGGCACAAGGAGTTCTCT
TGAAACTCGCACTCCTGGCCCTGCCGCTGCTGCTTCTCTCCACGCCCGTGTGCCCCAGGTCTC
CGGGATCCGAGGAGATGCTCTGGAGAGGTTTTGCCTTCAGCAACCCCTGGACTGTGACGACATCTATGCC
CAGGGCTACCAGTCAGACGGCGTGTACCTCATCTACCCCTCGGGCCCAAGTGTGCCTGTGCCCGTCTTCT
GTGACATGACCACCGAGGGCGGAAGTGGACGGTTTTCCAGAAGAGATTCAATGGCTCAGTAAGTTTCTT
CCGCGGCTGGAATGACTACAAGCTGGGCTTCGGCCGTGCTGATGGAGAGTACTGGCTGGGGCTGCAGAAC
ATGCACCTCCTGACACTGAAGCAGAAGTATGAGCTGCGAGTGGACTTGGAGGACTTTGAGAACAACACGG
CCTATGCCAAGTACGCTGACTTCTCCATCTCCCGAACGCGGTCAGCGCAGAGGAGGATGGCTACACCCCT
CTTTGTGGCAGGCTTTGAGGATGGCGGGCAGGTGACTCCCTGTCTACACAGTGGCCAGAAGTTCTCT
ACCTTCGACCGGGACCAGGACCTCTTTGTGCAGAACTGCGCAGCTCTCTCCTCAGGAGCCTTCTGGTTCC
GCAGCTGCCACTTTGCCAACCTCAATGGCTTCTACCTAGGTGGCTCCACCTCTCTTATGCCAATGGCAT
CAACTGGGCCAGTGAAGGGCTTCTACTACTCCCTCAAACGCACTGAGATGAAAATCCGCCGGCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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_001198695.2](#)

RefSeq ORF: 840 bp

Locus ID: 4239

UniProt ID: [P55083](#)

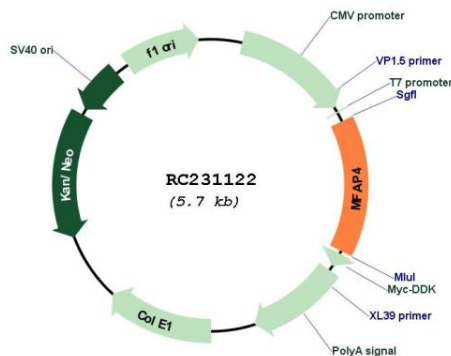
Cytogenetics: 17p11.2

Protein Families: Druggable Genome, Secreted Protein

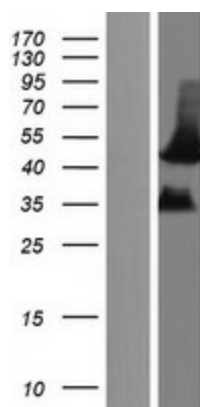
MW: 31.6 kDa

Gene Summary: This gene encodes a protein with similarity to a bovine microfibril-associated protein. The protein has binding specificities for both collagen and carbohydrate. It is thought to be an extracellular matrix protein which is involved in cell adhesion or intercellular interactions. The gene is located within the Smith-Magenis syndrome region. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2010]

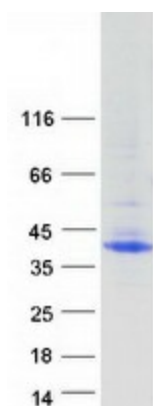
Product images:



Circular map for RC231122



Western blot validation of overexpression lysate (Cat# [LY434121]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC231122 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified MFAP4 protein (Cat# [TP331122]). The protein was produced from HEK293T cells transfected with MFAP4 cDNA clone (Cat# RC231122) using MegaTran 2.0 (Cat# [TT210002]).