

Product datasheet for **MR220420**

Uap1l1 (NM_001033293) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Uap1l1 (NM_001033293) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Uap1l1
Synonyms:	5730445F03Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR220420 representing NM_001033293
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACTCGGAGAGGGATGTACGCGCACAGCTGCAGCGTGGGGCCAGGACCATCTCTGCGCTTCTATG
 CCGACCTGGCTCCGGAAGCCGAGCCGCACTGCTAGCGAGCTCGCCTCATTGGAGGCCGACGCGTGGC
 TGAGCACTGCCAGCGCGCCGAGCTGCGGGCGCTAGCTCCGGGTCTCTGCCGGACCTGGCTGCGCGC
 CTGCAGCCCTGCCCCAGAACGCGTGGGAGCGCATCCGCTGTGACCAAGAGACACGCTGCGGTGGG
 AAGAGGAAGGTTTCCGACAGATTCTCTGAACAAGGTAGCTGTCTGCTGCTGGCGGTGGGAGGGCAC
 TCGCTGGGCGTCACATACCCAAAGGGCATGTATCAAGTTGGGCTGCCAGCCAGAAGACCTGTATCAA
 CTGCAAGCAGAGCGGATCCGGCGTGTCCAACAGTTGGCTGACCAGCGACAGGGGACCCACTGCAGTGTG
 CCTGGTACATCATGACCAGTGAGTTTACCCTGGGACCCACAATCAAGTTCTTCAAGGAGCATGACTTCTT
 CCACCTGGACCCACTAACGTAGTGCTGTTCGAGCAGCGCATGCTACCTGCTGTGACCTTTGAGGCAAG
 GCCATCCTGGAACGGAAGACAAAGTTGCCATGGCCCCAGATGGCAACGGGGGTTTGTACTGTGCACTGG
 CTGACCACCAGATCCTGGAGGACATGAAGCAGCGGGGTGTGGAGTTTGTGCATGTGTACTGCGTAGACAA
 CATCTTGGTGGGCTGGCTGACCCAGTCTTCATTGGCTTCTGTGTGCTTCAGGGAGCAGACTGTGGTGTCT
 AAGGTGGTGGAGAAAGCATACCTGAGGAGCCAGTGGGTGTGGTGTGCCAGGTGGATGGTGTCCCCAGG
 TGGTGGAAACAGCGAGATCAGCCCTGAGATTGCTGGGAGCTCGGGGCTGATGGAGGCTTGCTCTACAA
 CGCAGGCAACATCTGCAACCATTTCTTACCAGAGGCTTCTGGATGTGGTTACCAGGGAGTTTGAGCCC
 TTGCTGAGGCTGCATGTGGCCATGAAGAAGTCCCACATACGTGGATGAGGAGGAAATCTGGTAAAGCCGC
 TAAGACGAATGGGATAAAGATGGAGAAGTTTGTGTTGATGTGTTCCAGTTTGCTAAGAACTTTGTTGC
 CTTTGAAGTGTGTCGGGAAGAGGAGTTCTCCCTCTGAAGAATGATGACACAGCCGACAGGGACAACCCC
 TCCACCTGCAGGAGAGCCTTGTGGCTCAGCACTACCGTGGGCTCTGCAGGCCGAGCCGCTTCTGG
 ATGTACACGGGTCAGCTTACGGAGCAGTCTGGCATGCTCCAAATGGAGACCTCCAGCCATCTGTGA
 GATCTCGCCCTTGGTGTCTTACTCTGGAGAGGGTTGGAATGTACCTGCAAGGCCGACAACCTCCAGTCT
 CCATTCATTCTGGATGAGGACCAAGCCAGGCTGCTGCGGCCACAGGACTGC

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR220420 representing NM_001033293
 Red=Cloning site Green=Tags(s)

MDSERDVRAQLQRAGQDHLRFYADLAPEARAALLAELASLEADALREHCQRAAAAGALAPGPLDLAAR
 LQPLPPERVGSAIRCDQETRLRWEEEGFRQISLNKVAVLLLAGGQGTRLGVTPKGMVQVGLPSQKTLVQ
 LQAERIRRVQQLADQRQGTHTVPWYIMTSEFTLGPTIKFFKEHDFHLDPTNVVLFQRMPLPAVTFEGK
 AILERKDKVAMAPDGNGLYCALADHQILEDKQRGVEFVHVYVDNILLVRLADPVFIGFCVLQGADCGA
 KYVEKAYPEEPVGVVQVDGVPQVVEYSEISPEIAGQLGADGGLLYNAGNICNHFFTRGFLDVVTREFEP
 LLRLHVAMKKVPYVDEEENLVKPLRPNGIKMEKFVDFVQFAKNFVAFEVCREEEFSPLKNDTADRNP
 STCRRALLAQHYRWALQAGARFLDVHGVLTEQSGMLPNGDPPAICEISPLVSYSGEGLMYLQGRQLQS
 PFILDEDQARLLRPQDC

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

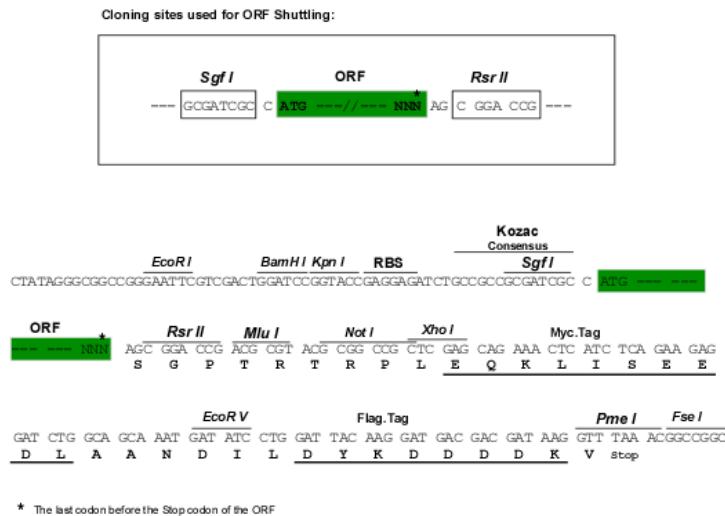
Chromatograms:

https://cdn.origene.com/chromatograms/mm9081_g02.zip

Restriction Sites:

SgfI-RsrII

Cloning Scheme:



ACCN: NM_001033293

ORF Size: 1521 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_001033293.3](#)

RefSeq Size: 1690 bp

RefSeq ORF: 1524 bp

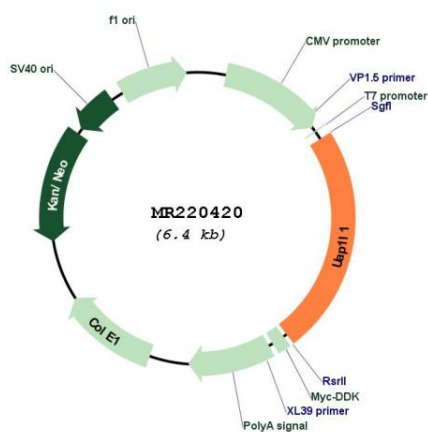
Locus ID: 227620

UniProt ID: Q3TW96

Cytogenetics: 2 A3

MW: 56.6 kDa

Product images:



Circular map for MR220420